

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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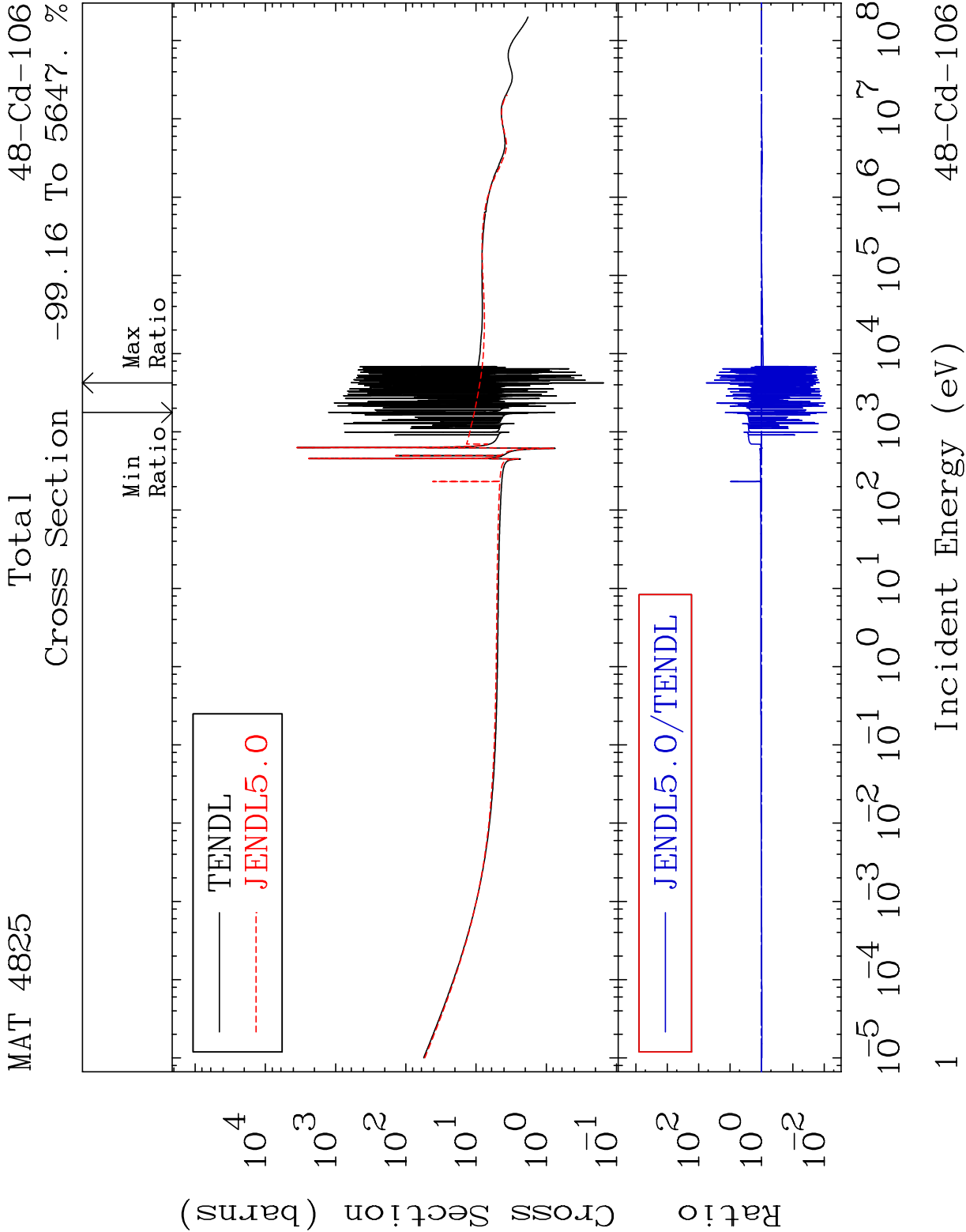
U.S.A.

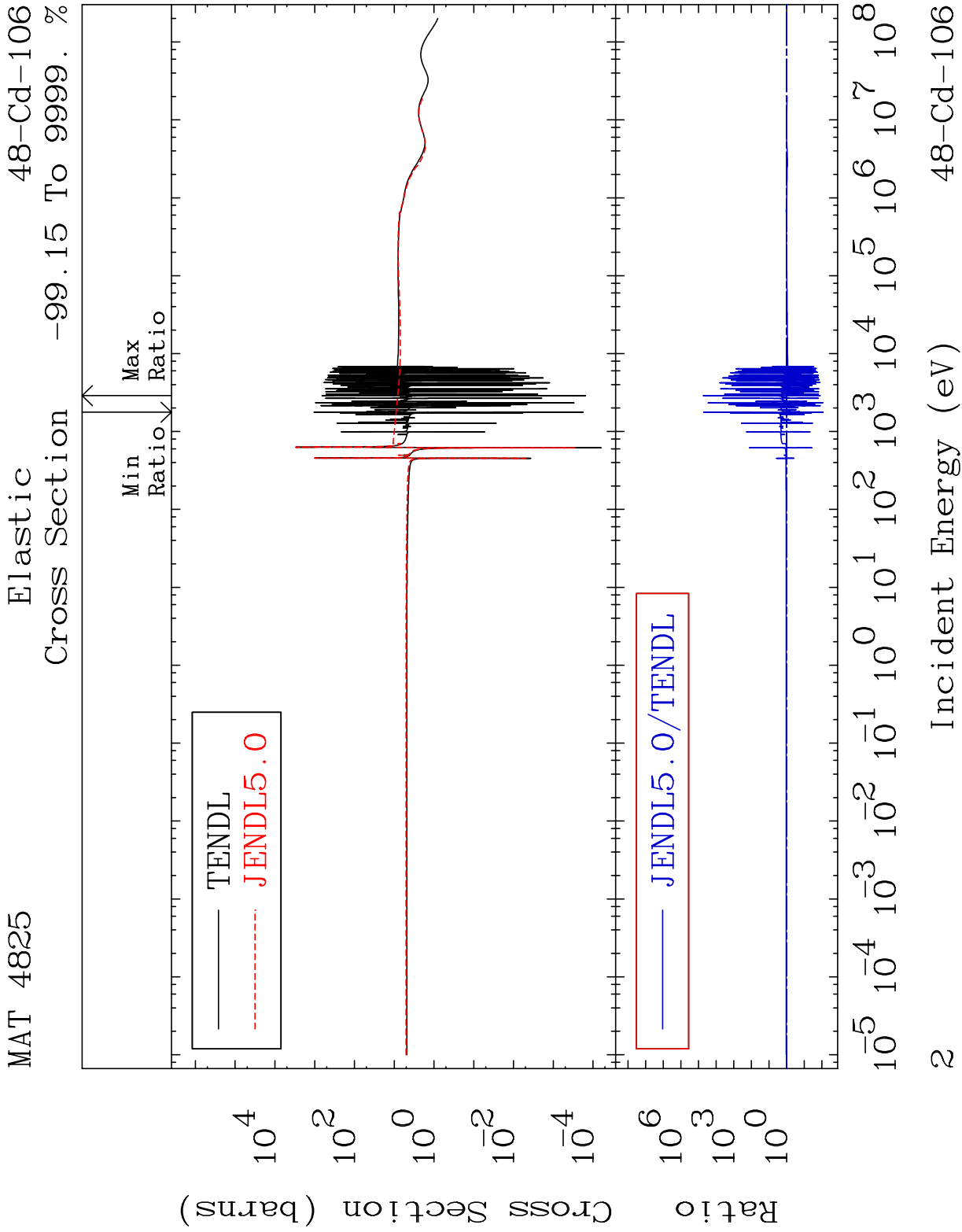
Tele: 925-443-1911

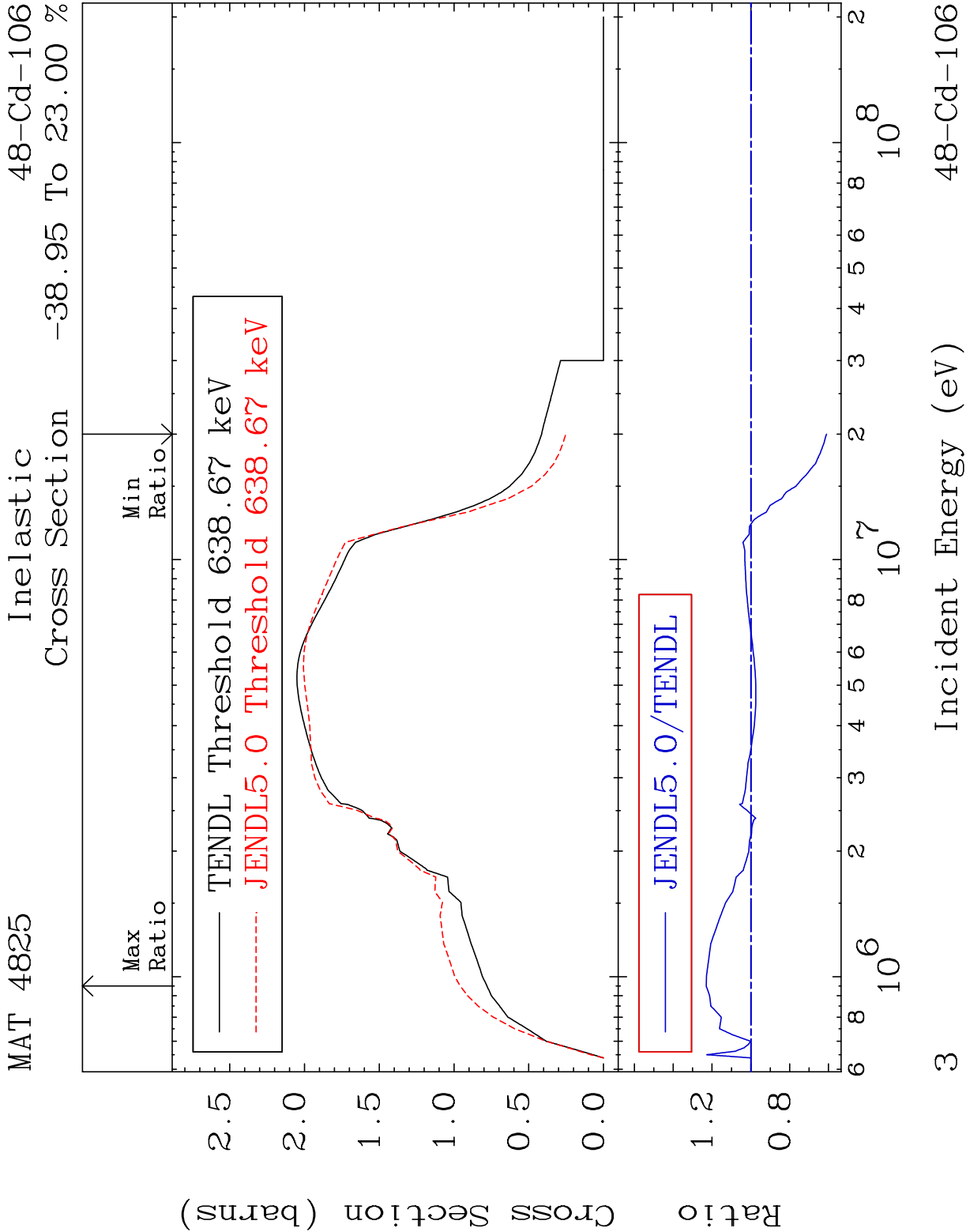
E.Mail: redcullen1@comcast.net

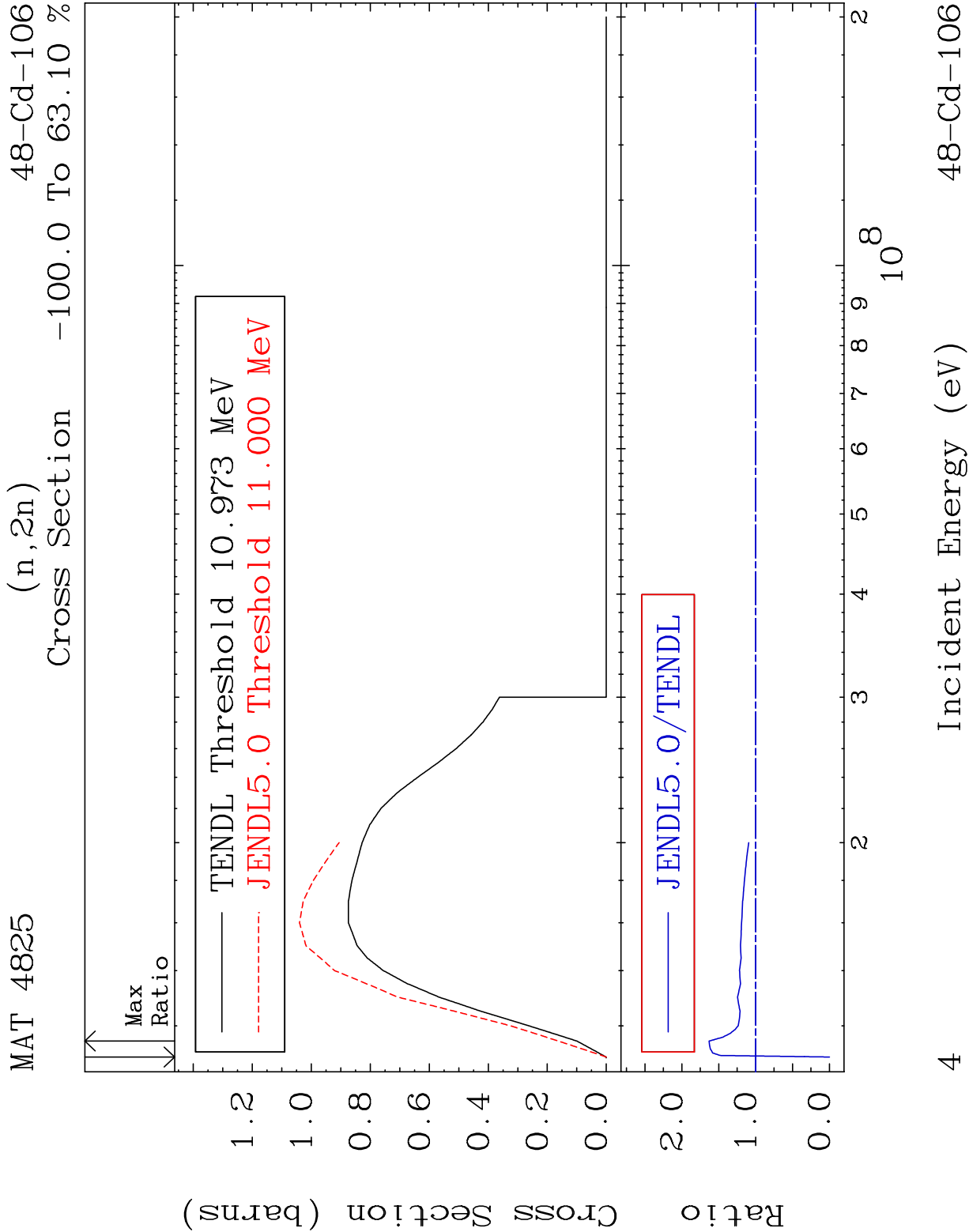
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start







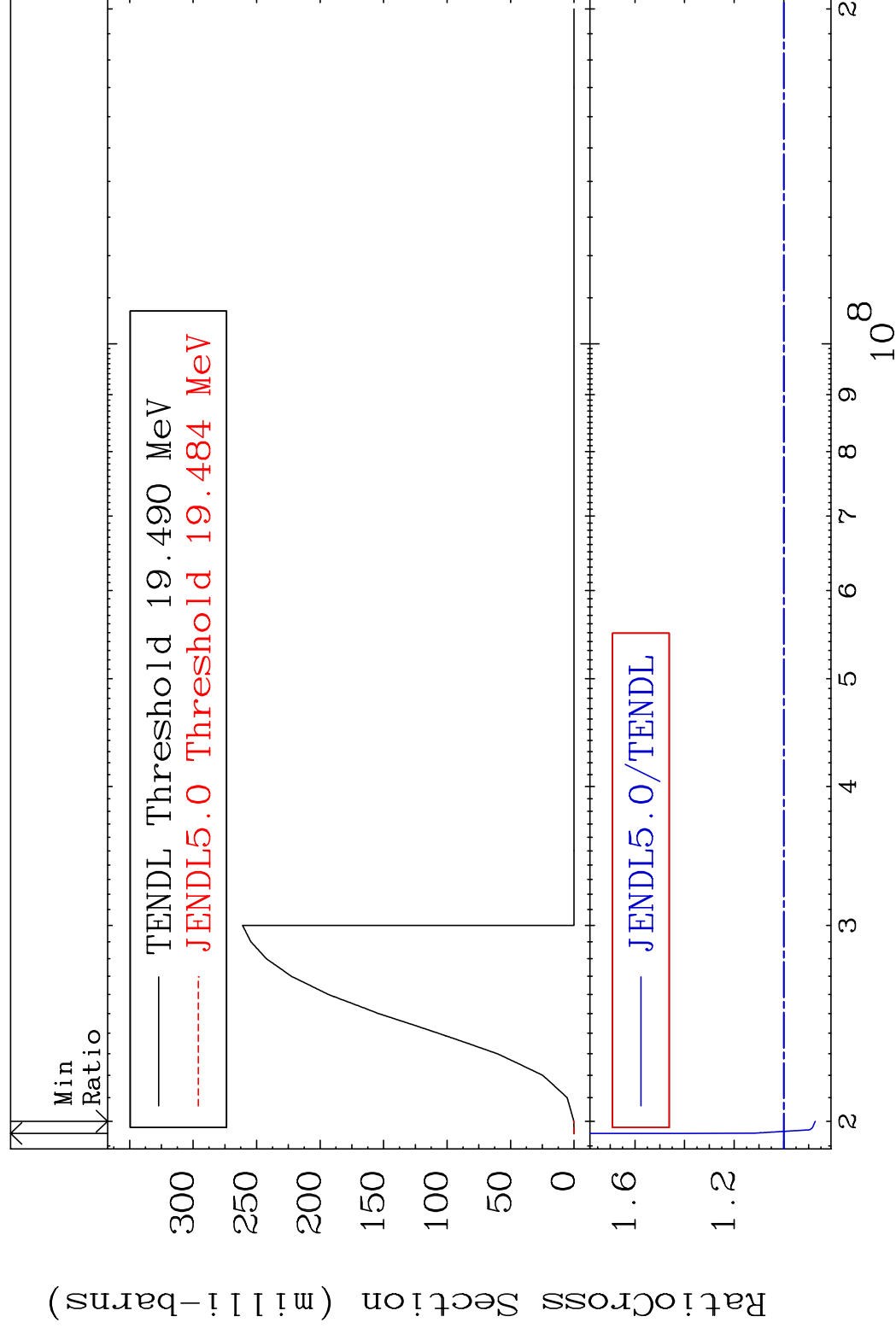


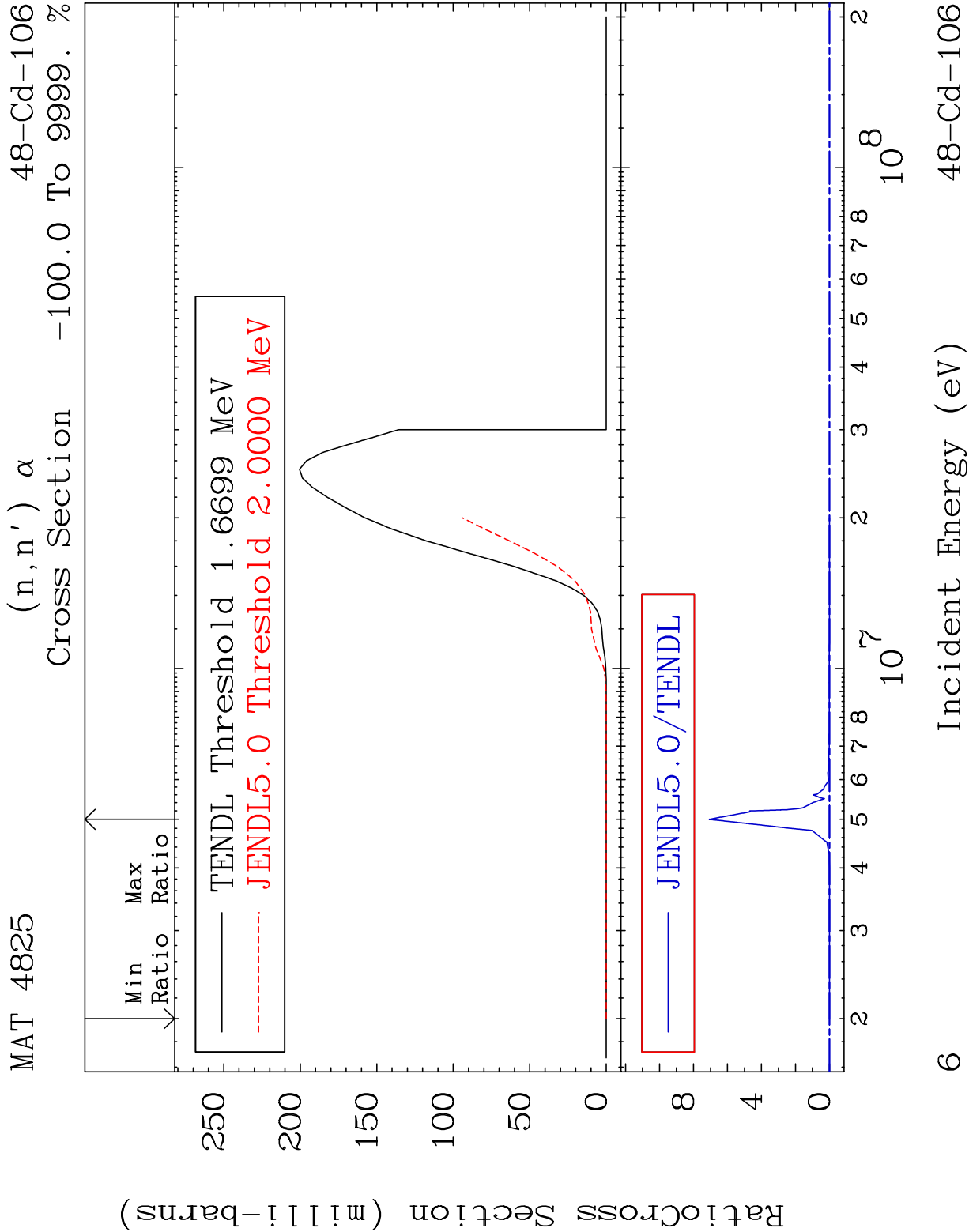
MAT 4825

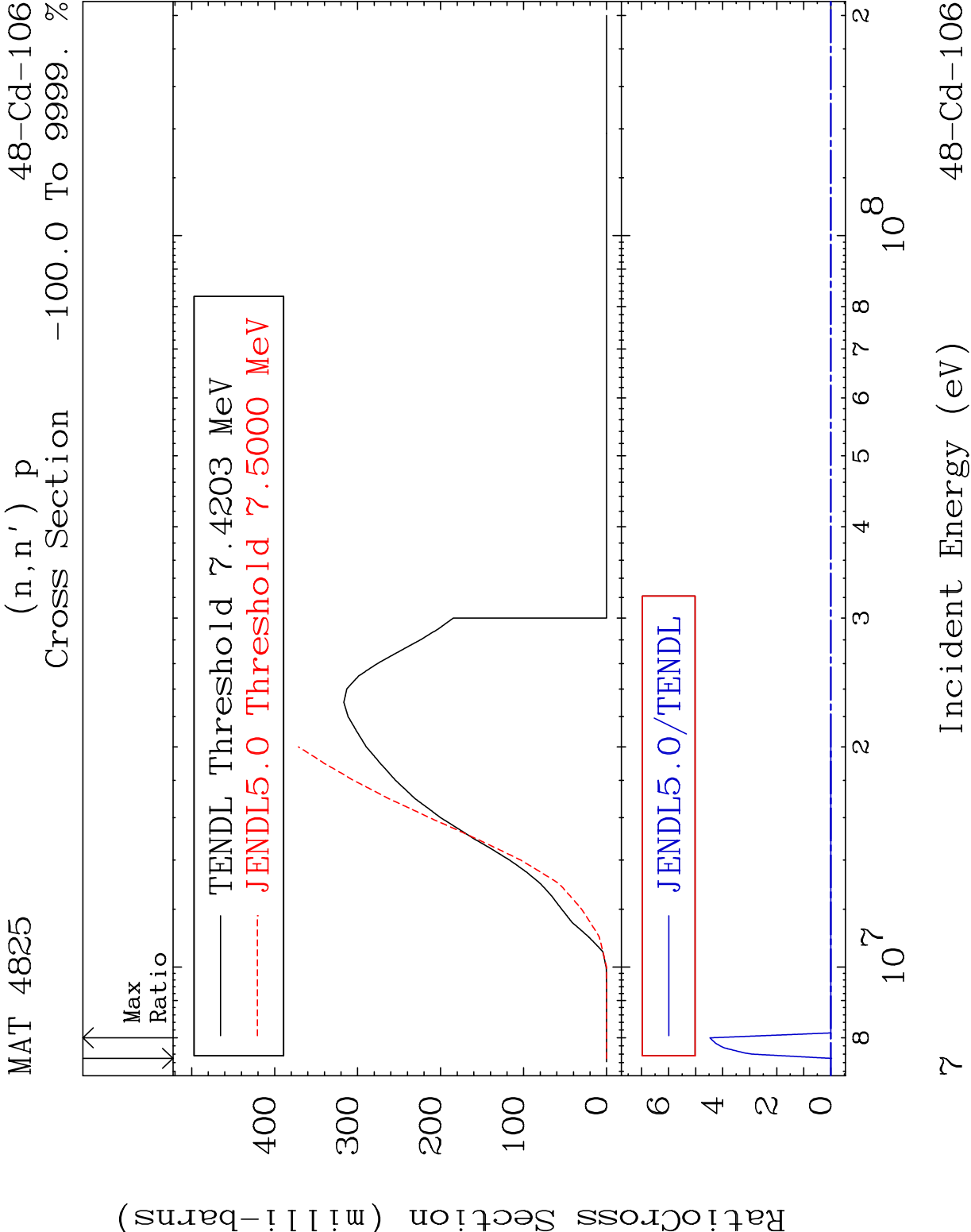
$$(n, 3n)$$

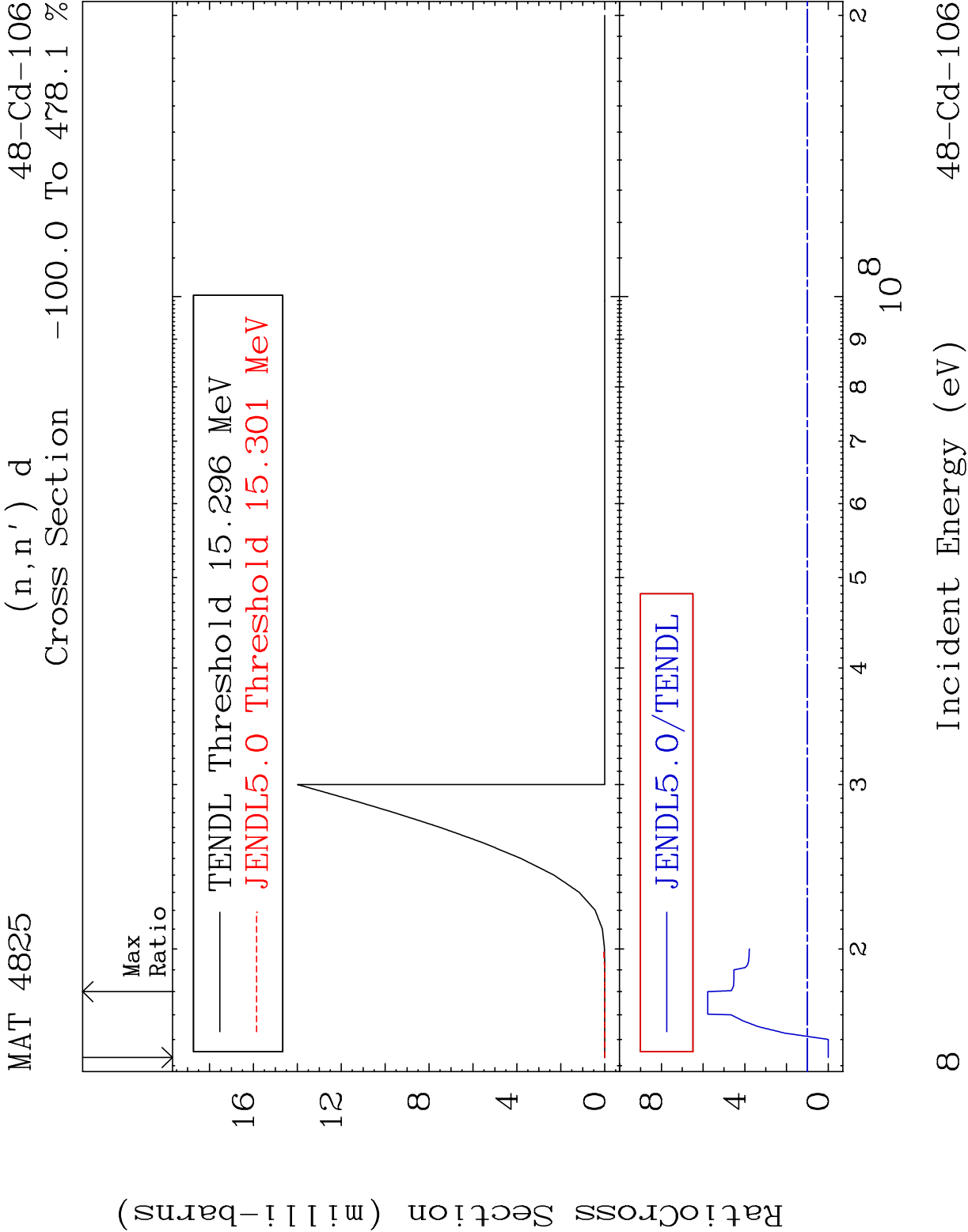
48-Cd-106

Cross Section -12.68 To 39.78 %









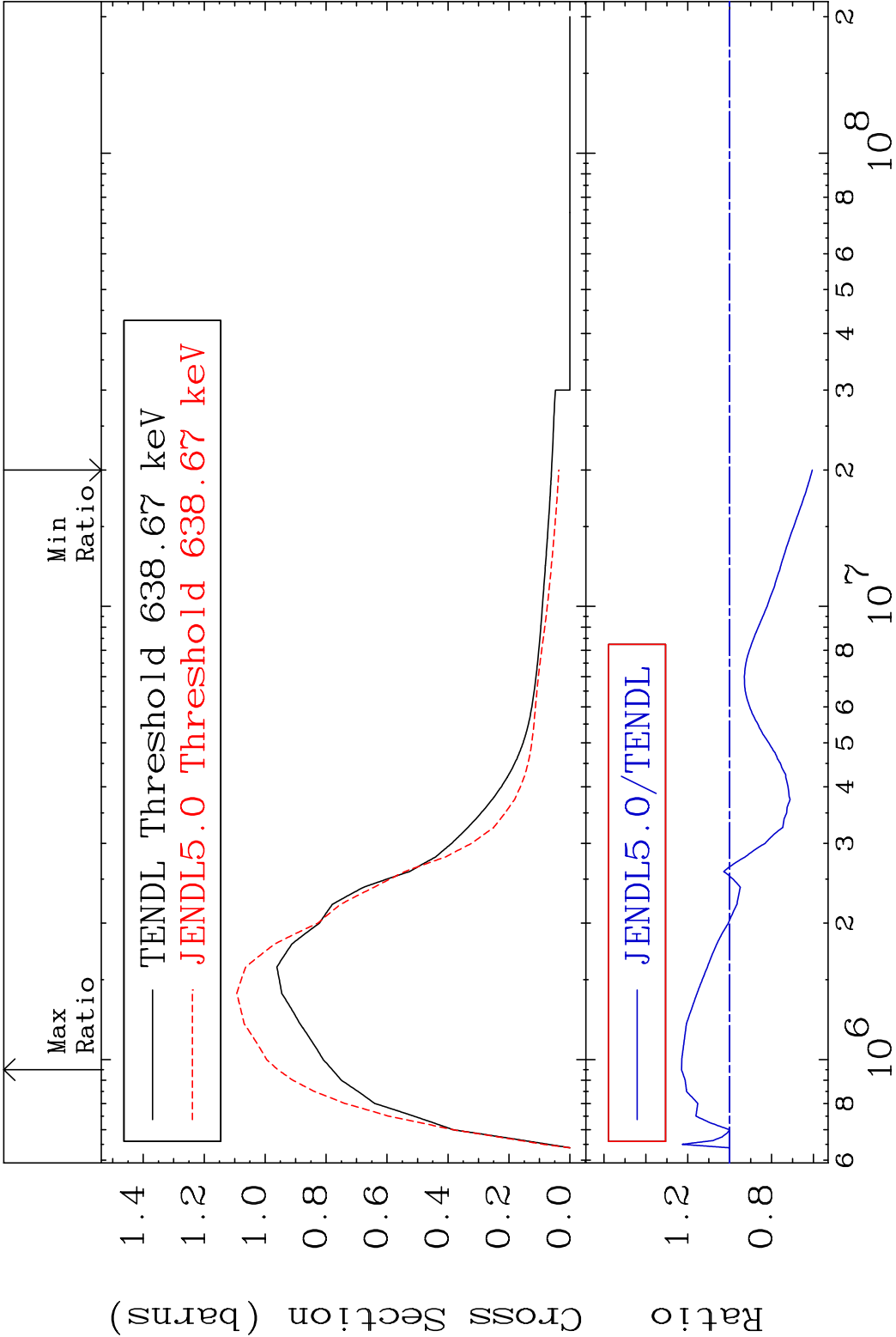
MAT 4825

MT= 51 (n,n') Level

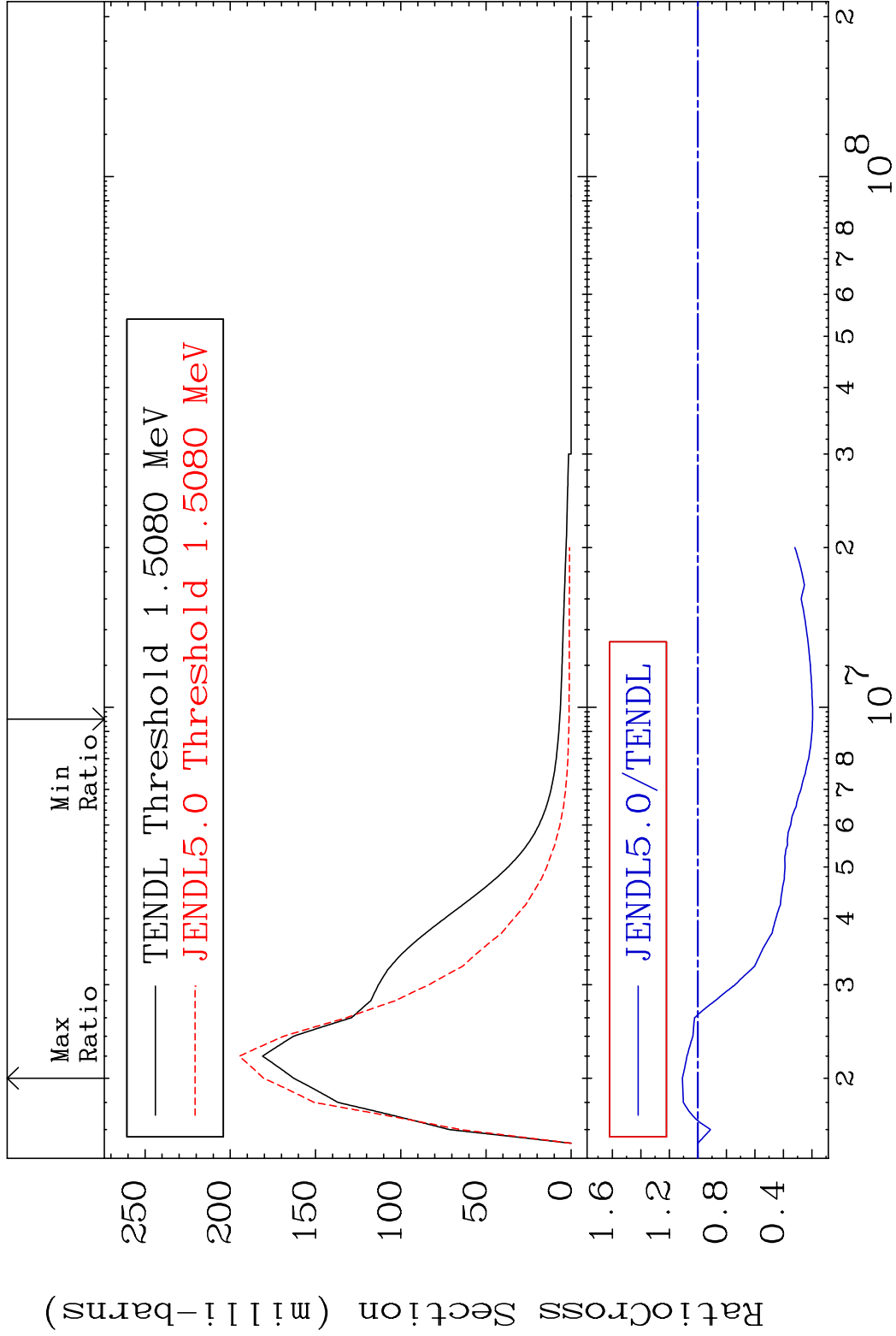
48-Cd-106

Cross Section

-39.39 To 23.00 %

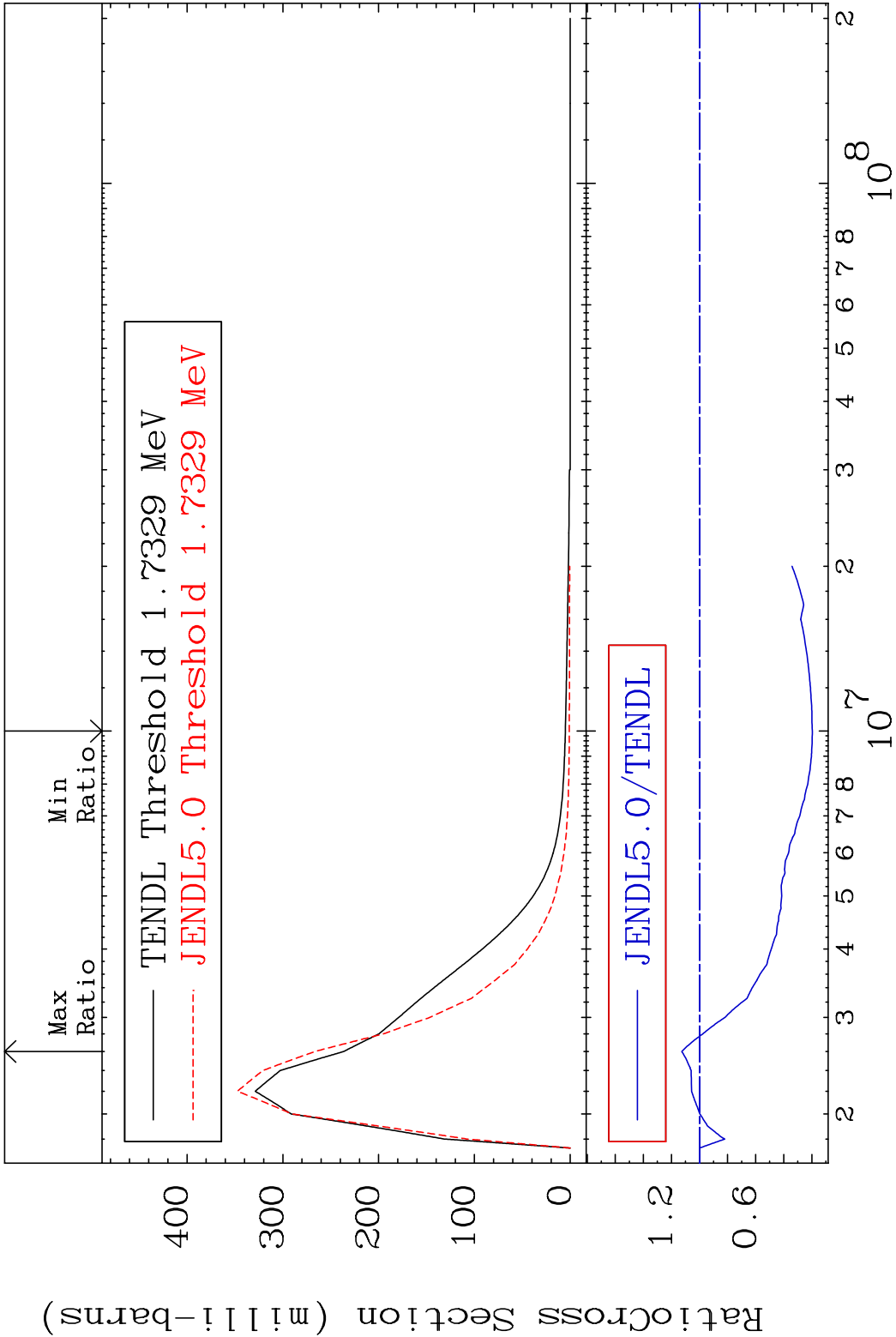


MAT 4825 MT= 52 (n,n') Level 48-Cd-106
Cross Section -80.52 To 10.86 %



10 Incident Energy (eV) 48-Cd-106

MAT 4825	MT= 53 (n,n')	Level	48-Cd-106
	Cross Section	-80.35 To 12.66 %	



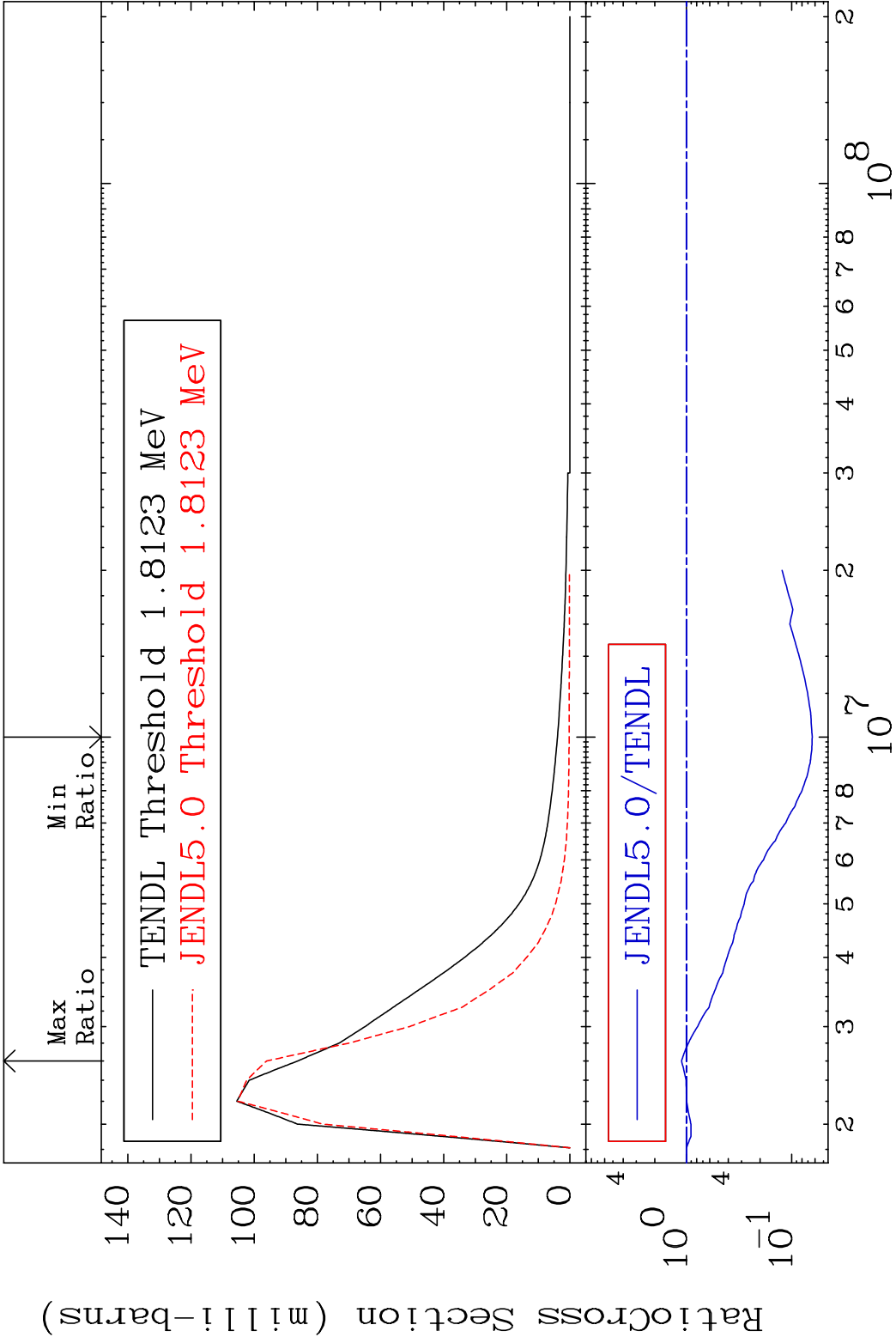
MAT 4825

MT= 54 (n,n') Level

48-Cd-106

Cross Section

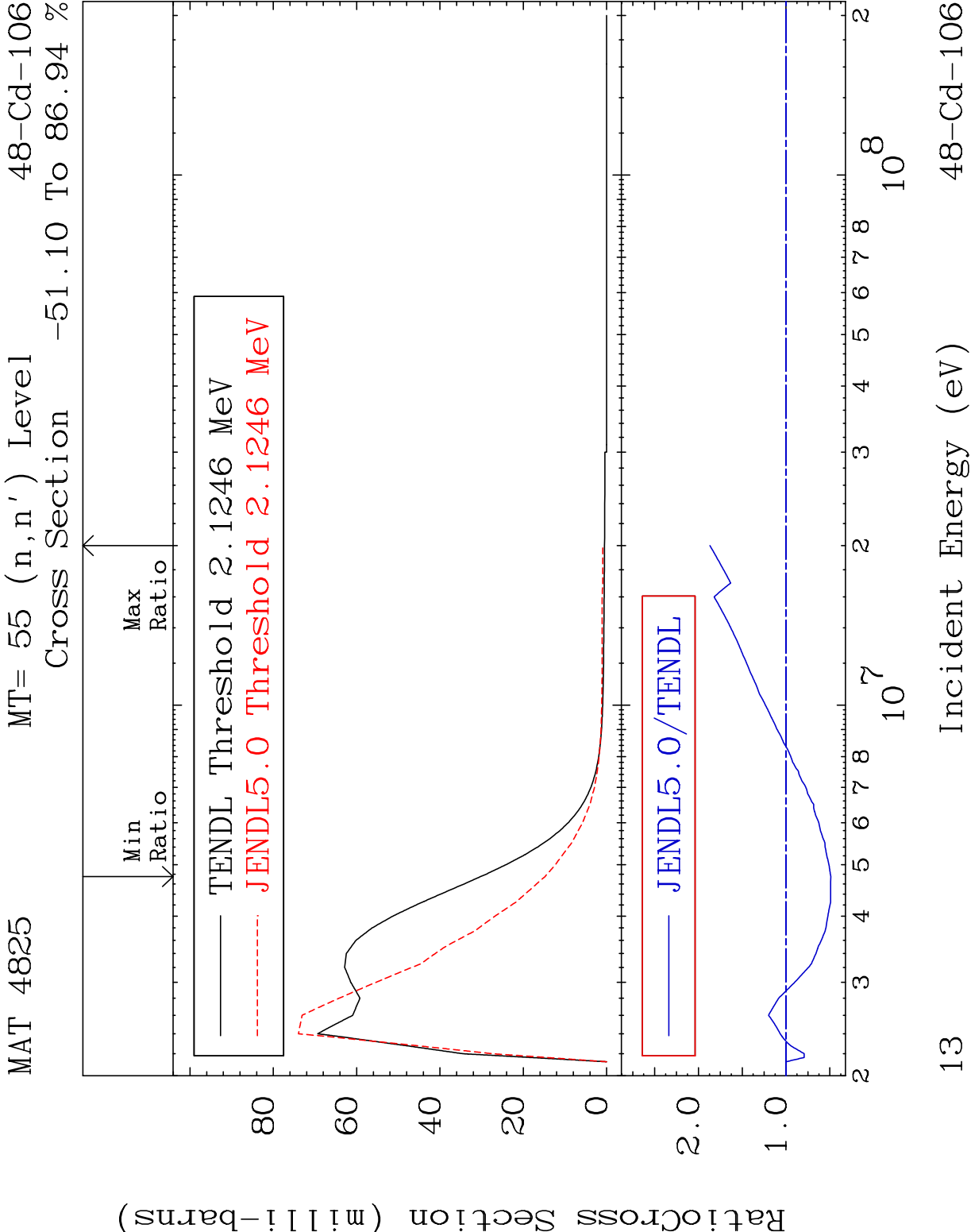
-93.61 To 11.42 %



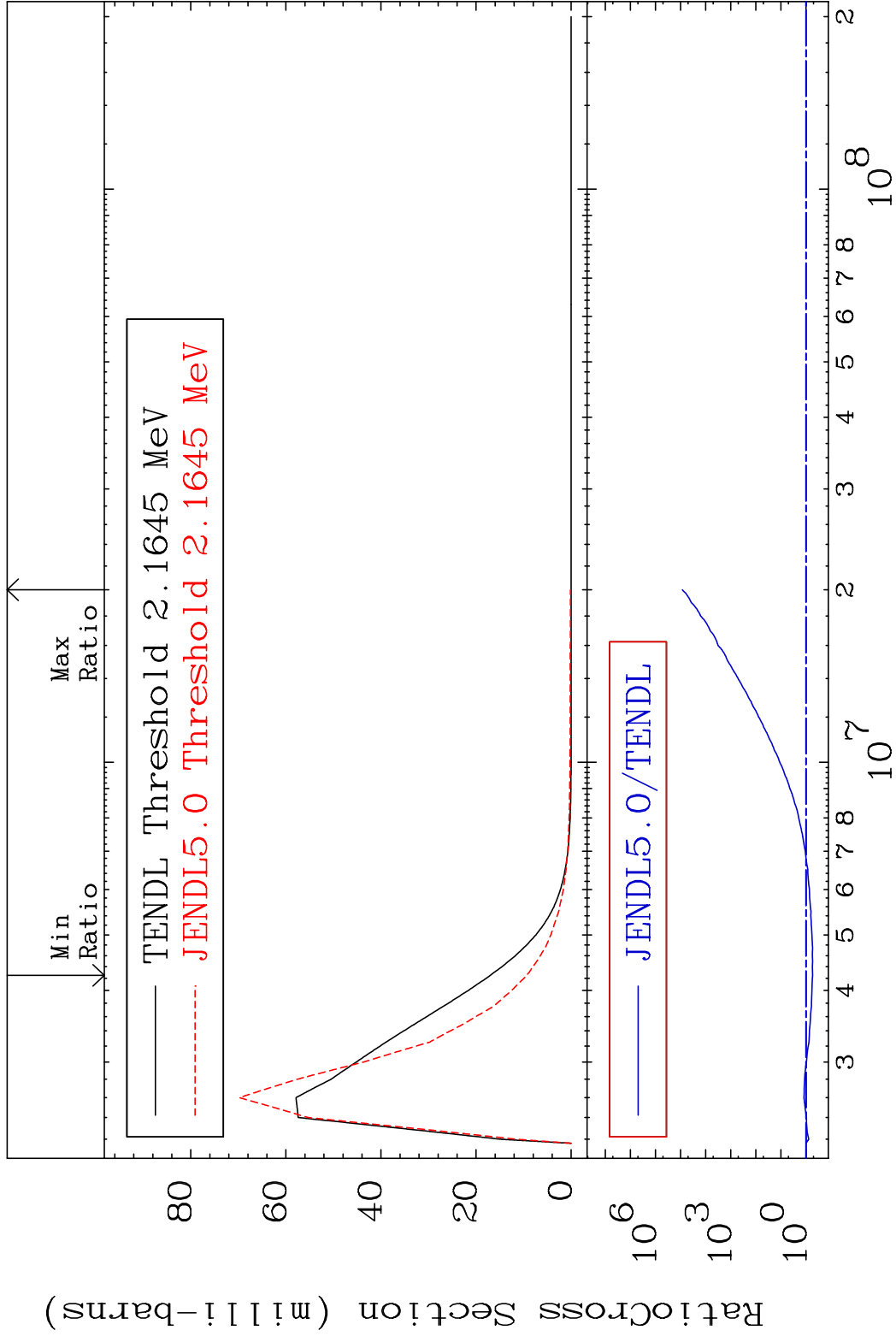
12

Incident Energy (eV)

48-Cd-106



MAT 4825 MT= 56 (n,n') Level 48-Cd-106
Cross Section -45.34 To 9999. %



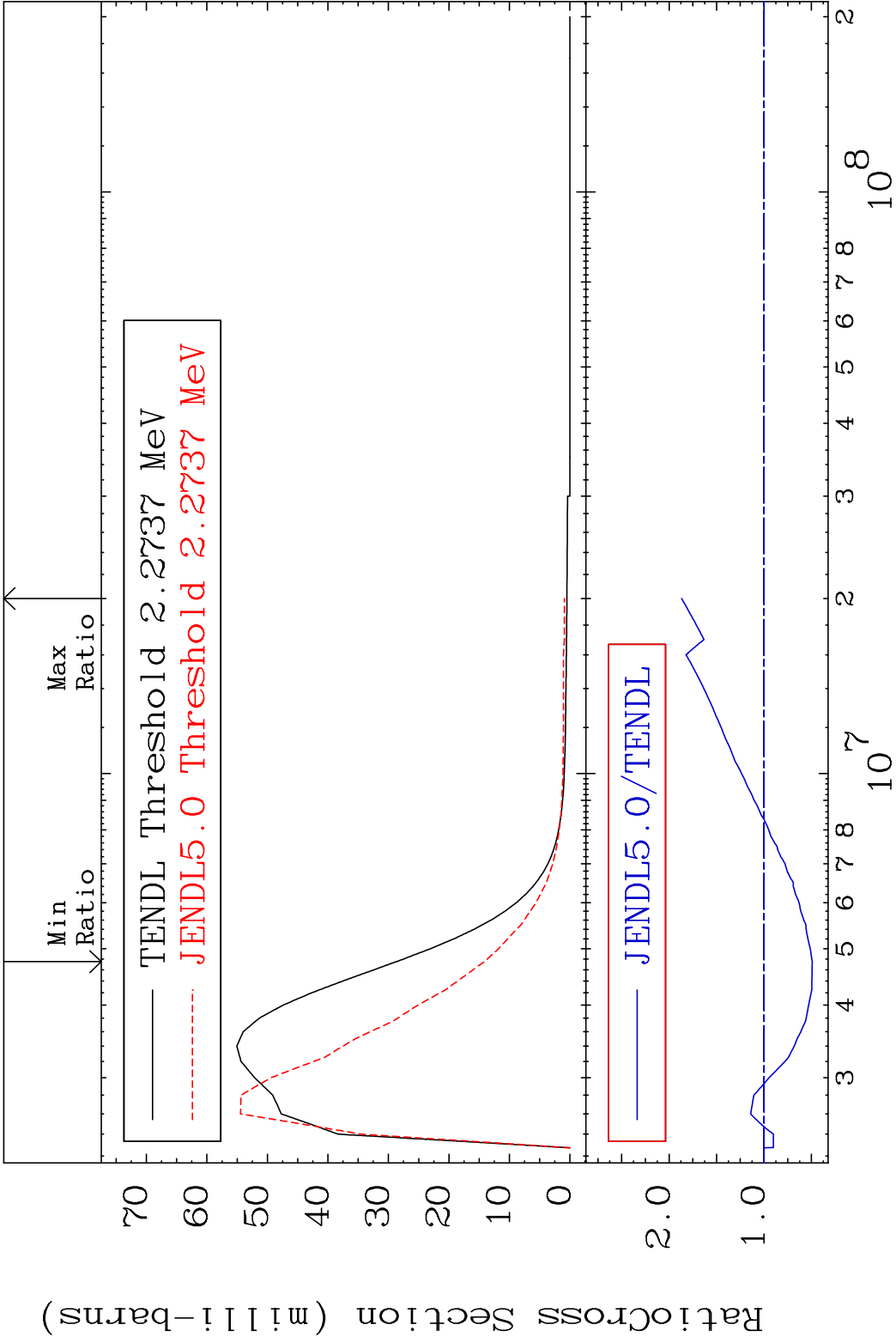
MAT 4825

MT= 57 (n,n') Level

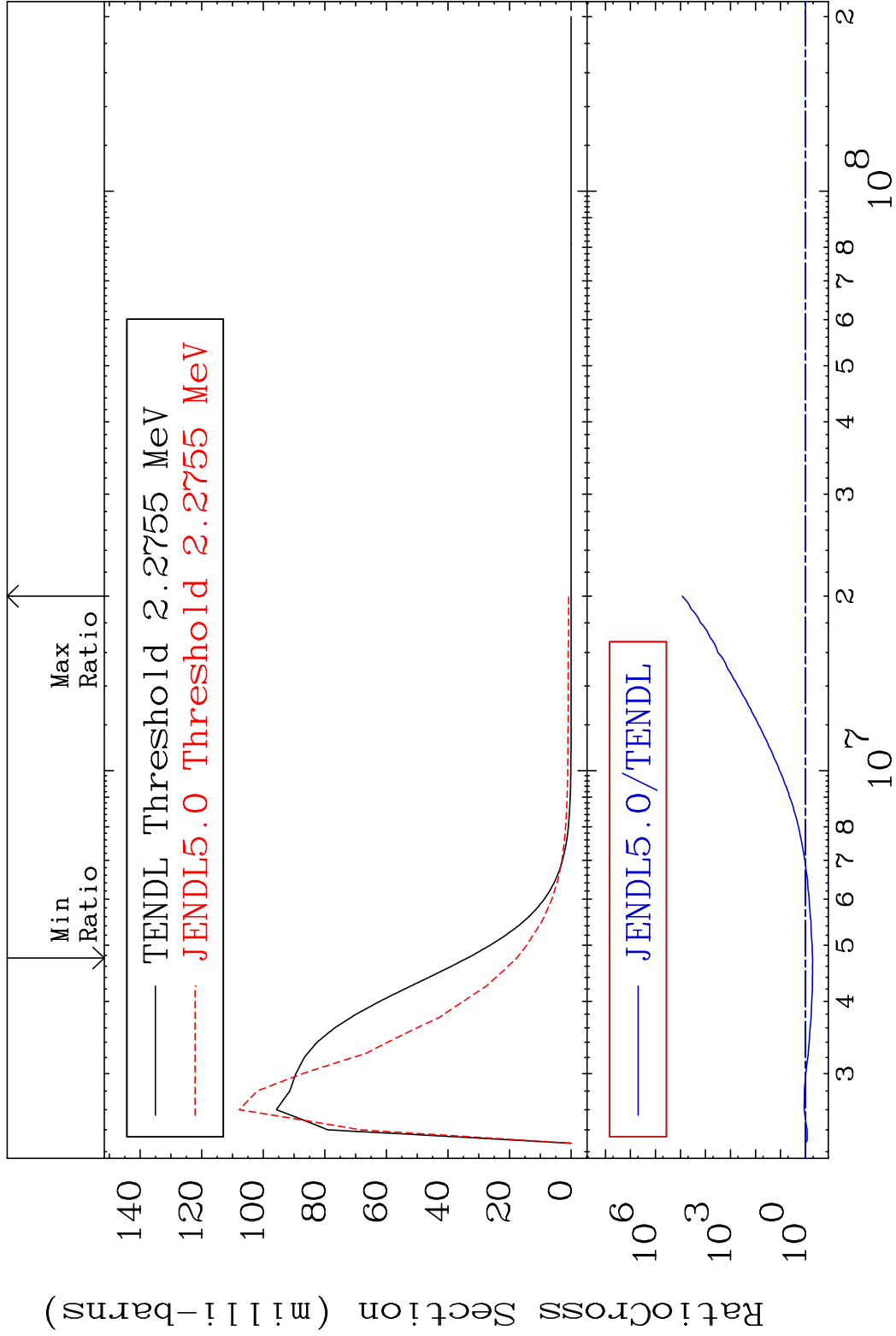
48-Cd-106

Cross Section

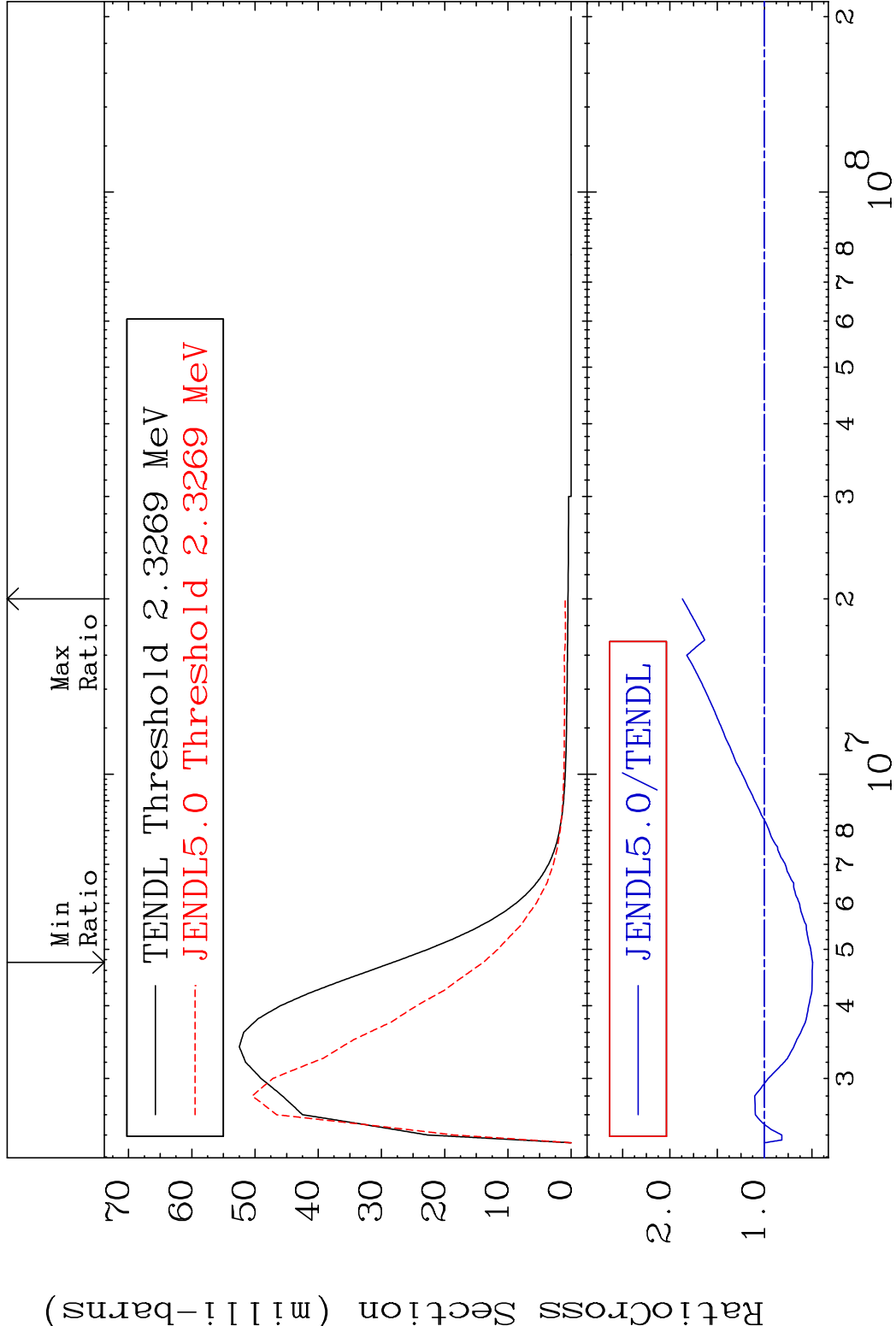
-50.83 To 86.90 %



MAT 4825 MT= 58 (n,n') Level 48-Cd-106
Cross Section -47.59 To 9999. %



MAT 4825 MT= 59 (n,n') Level 48-Cd-106
Cross Section -50.74 To 86.87 %



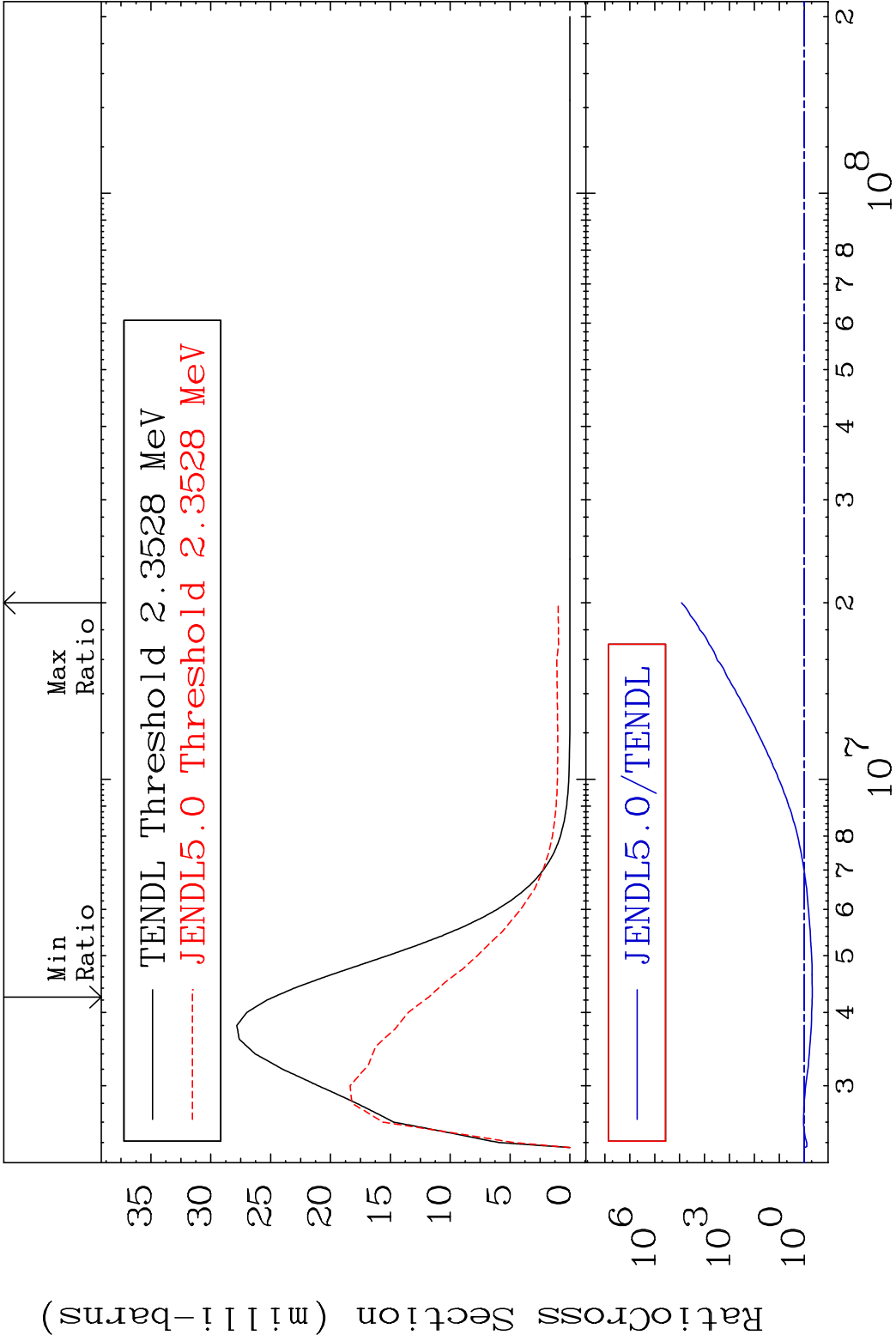
MAT 4825

MT= 60 (n,n') Level

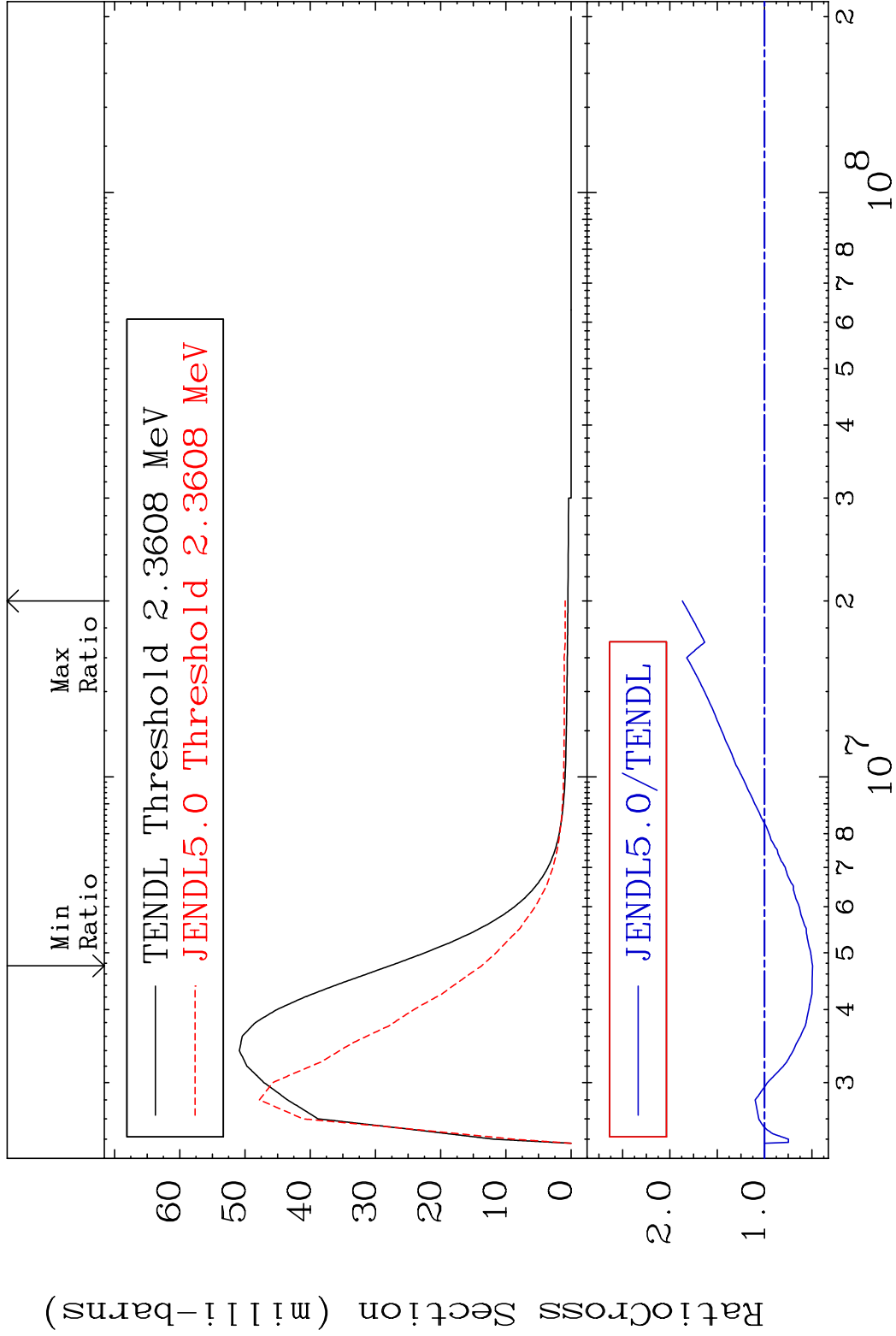
48-Cd-106

Cross Section

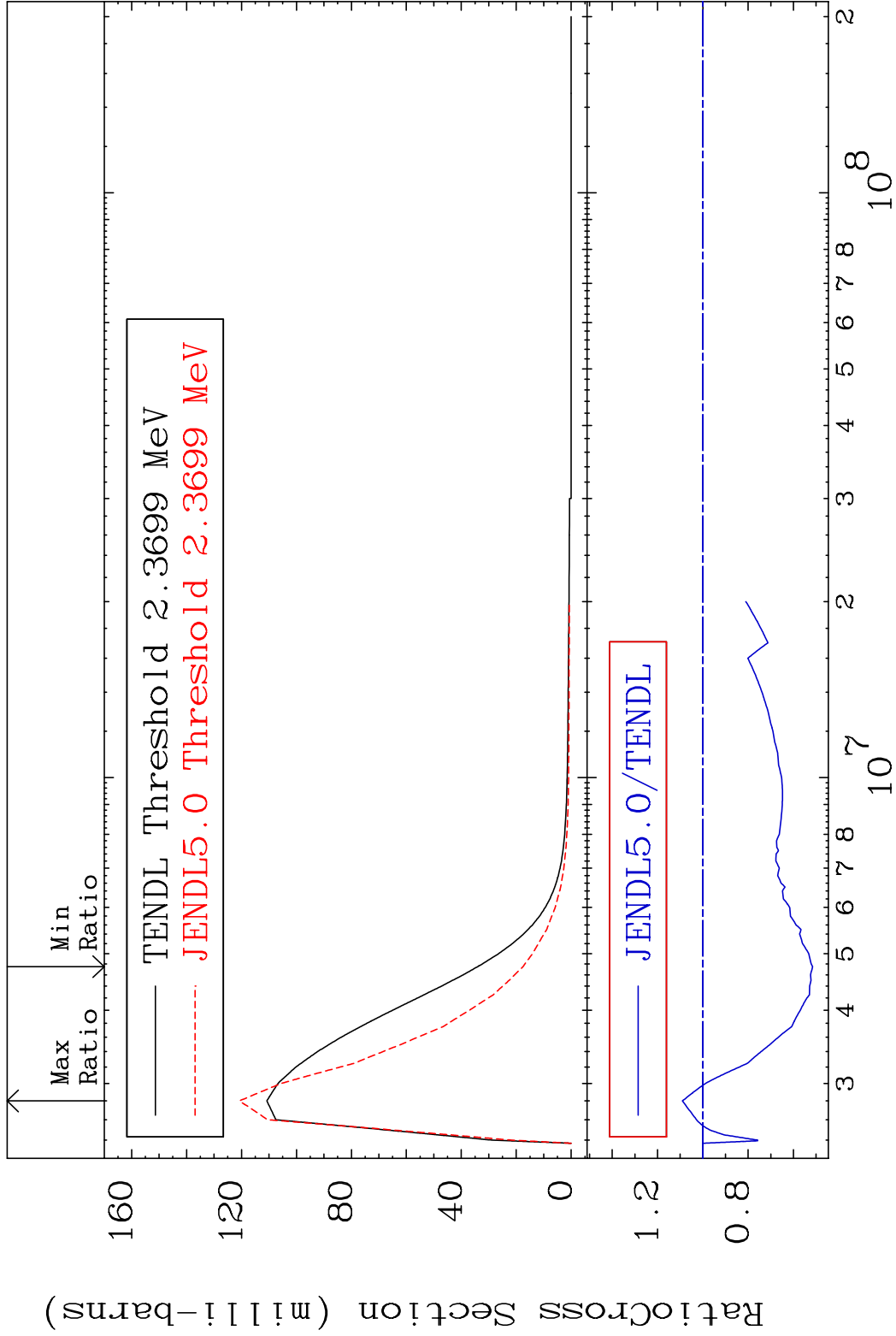
-52.36 To 9999. %



MAT 4825 MT= 61 (n,n') Level 48-Cd-106
Cross Section -50.66 To 86.88 %

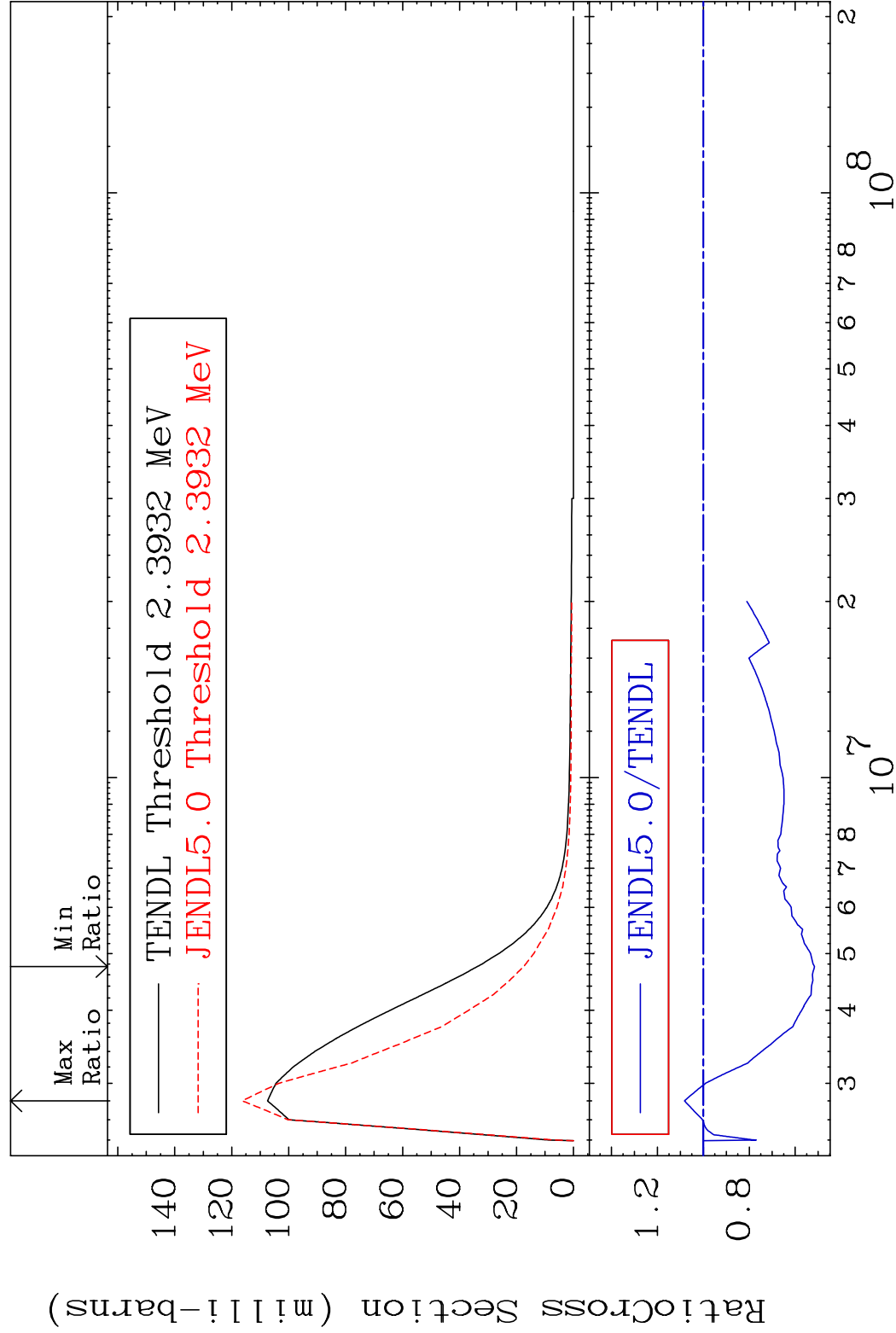


MAT 4825 MT= 62 (n,n') Level 48-Cd-106
Cross Section -48.45 To 9.029 %

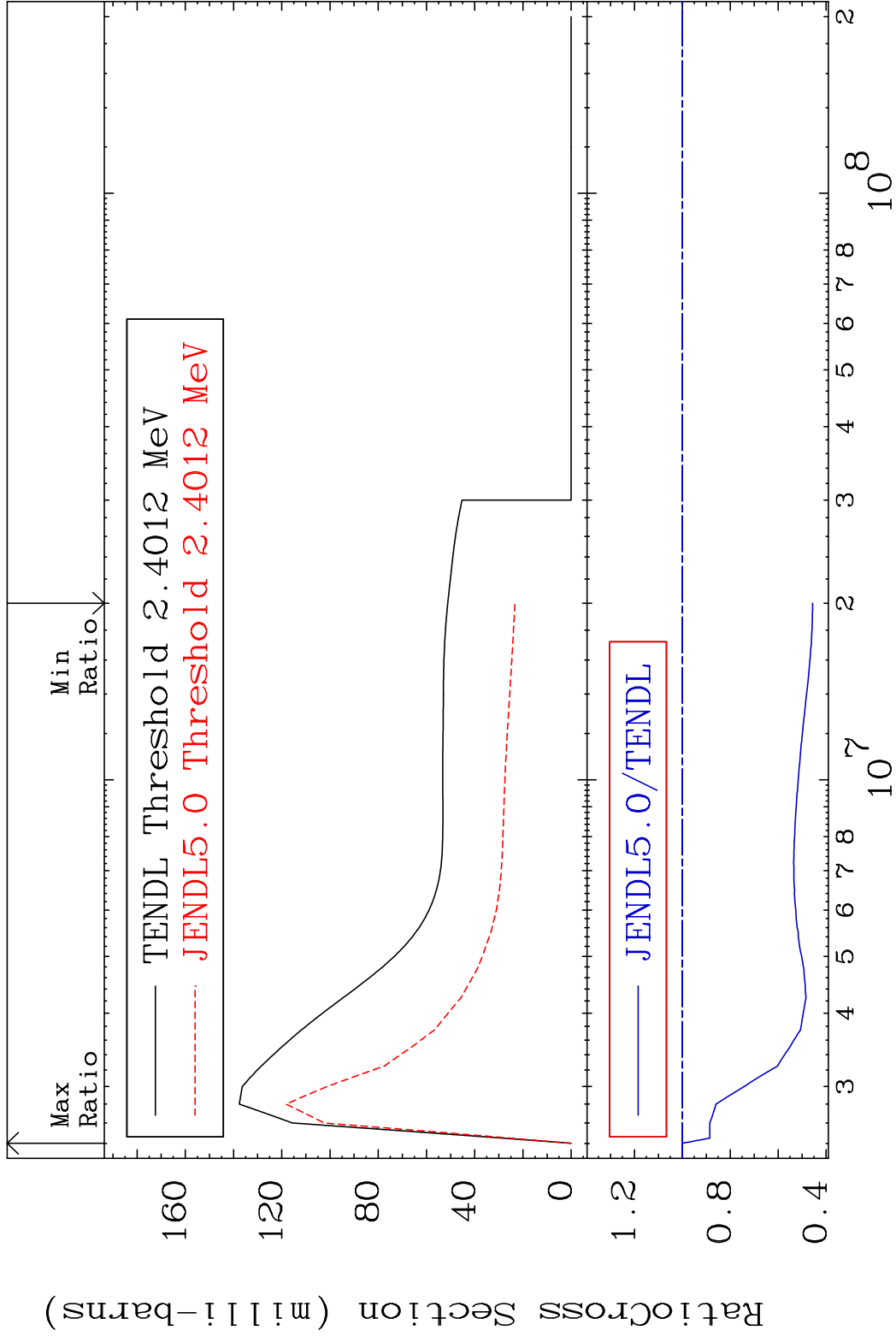


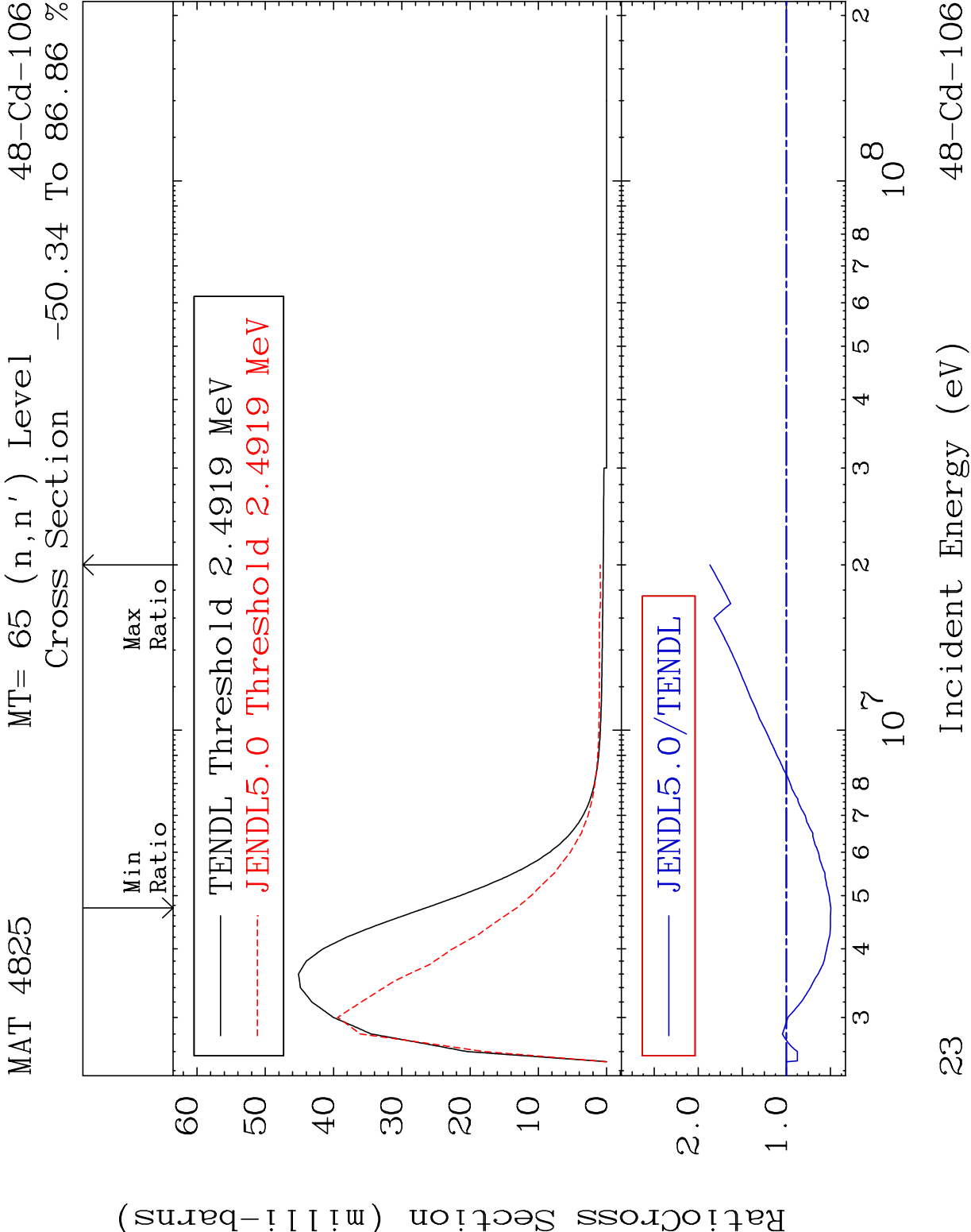
20 Incident Energy (eV) 48-Cd-106

MAT 4825 MT= 63 (n,n') Level 48-Cd-106
Cross Section -48.38 To 8.228 %

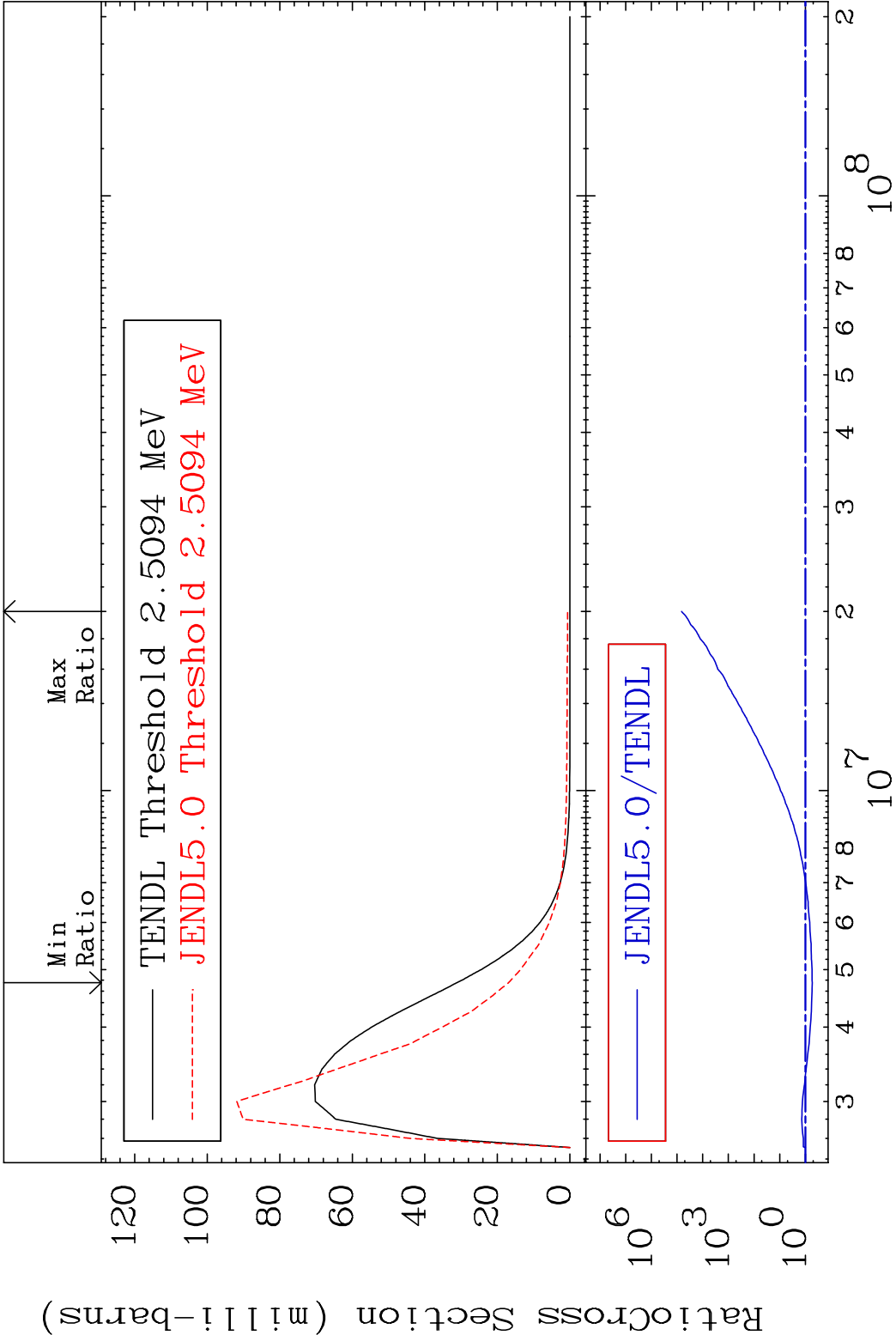


MAT 4825 MT= 64 (n,n') Level 48-Cd-106
Cross Section -54.37 To 0.000 %

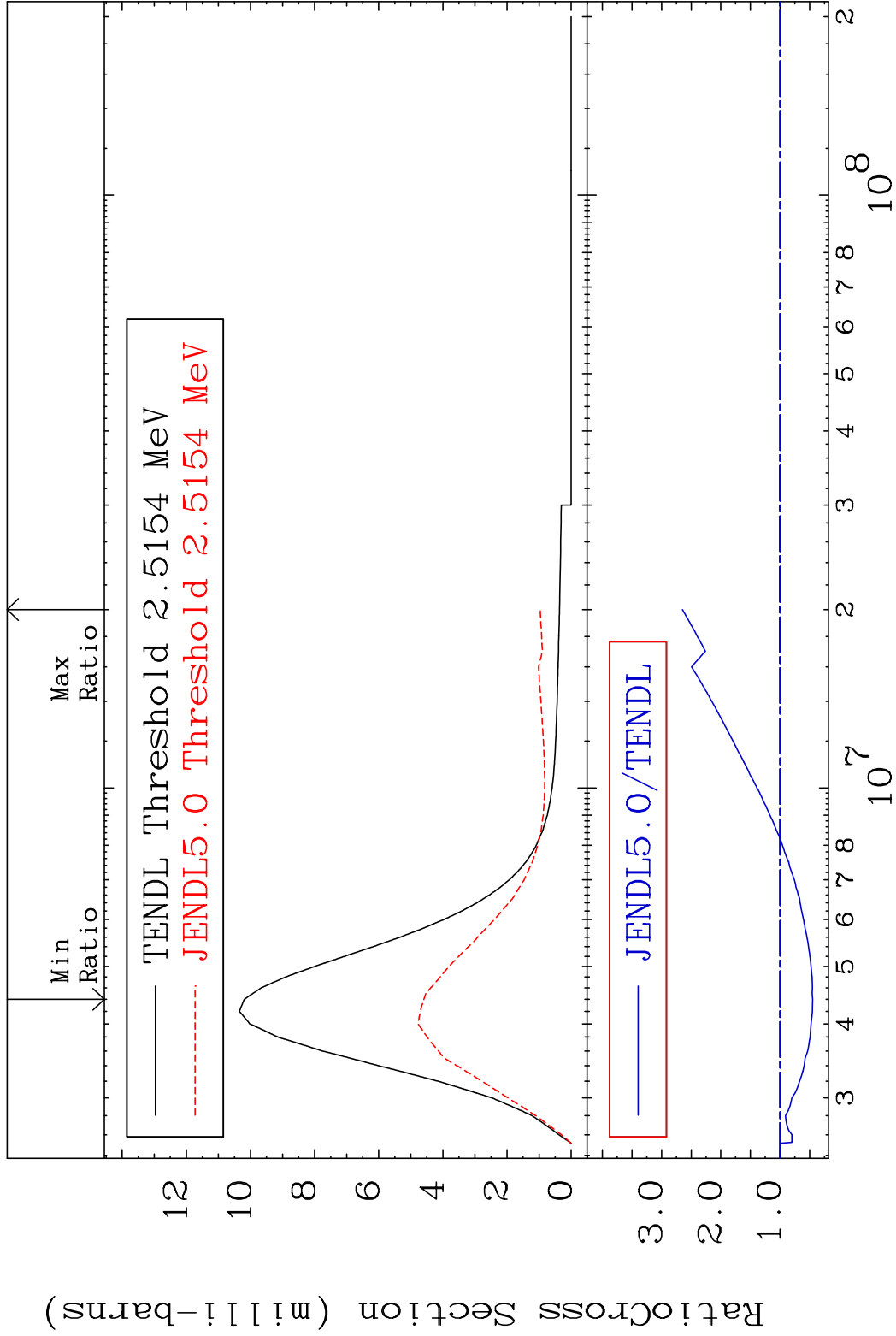


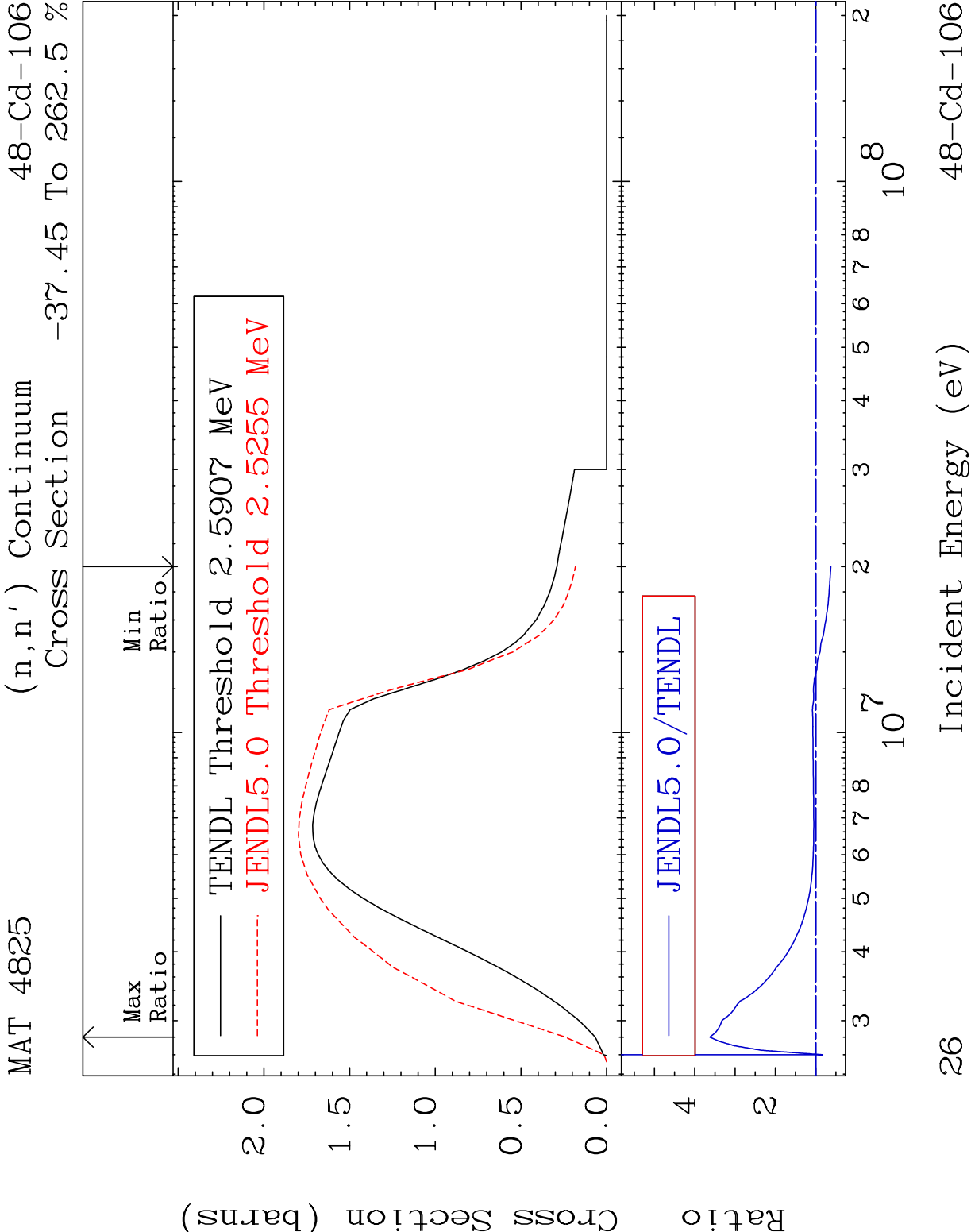


MAT 4825 MT= 66 (n,n') Level 48-Cd-106
Cross Section -45.71 To 9999. %

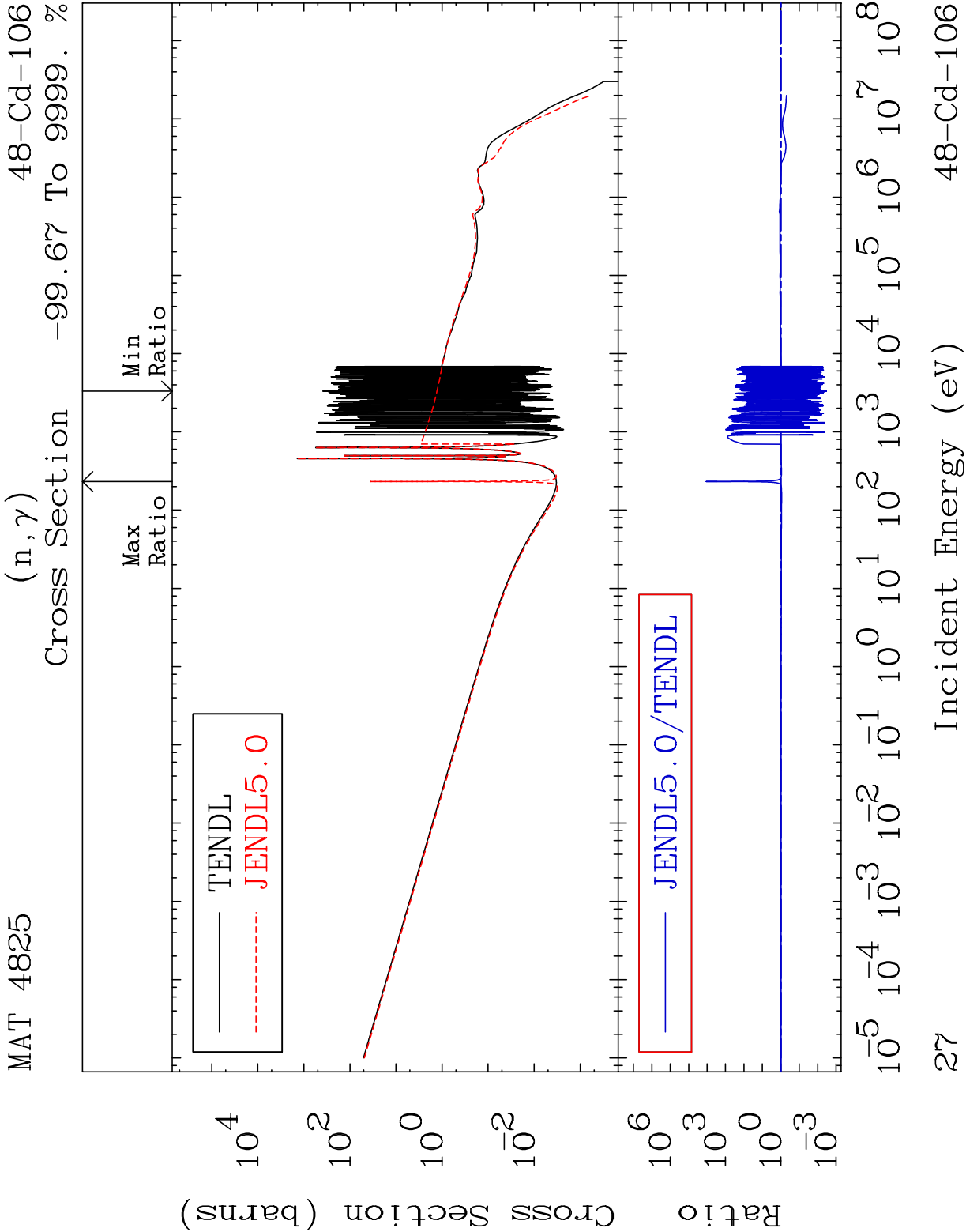


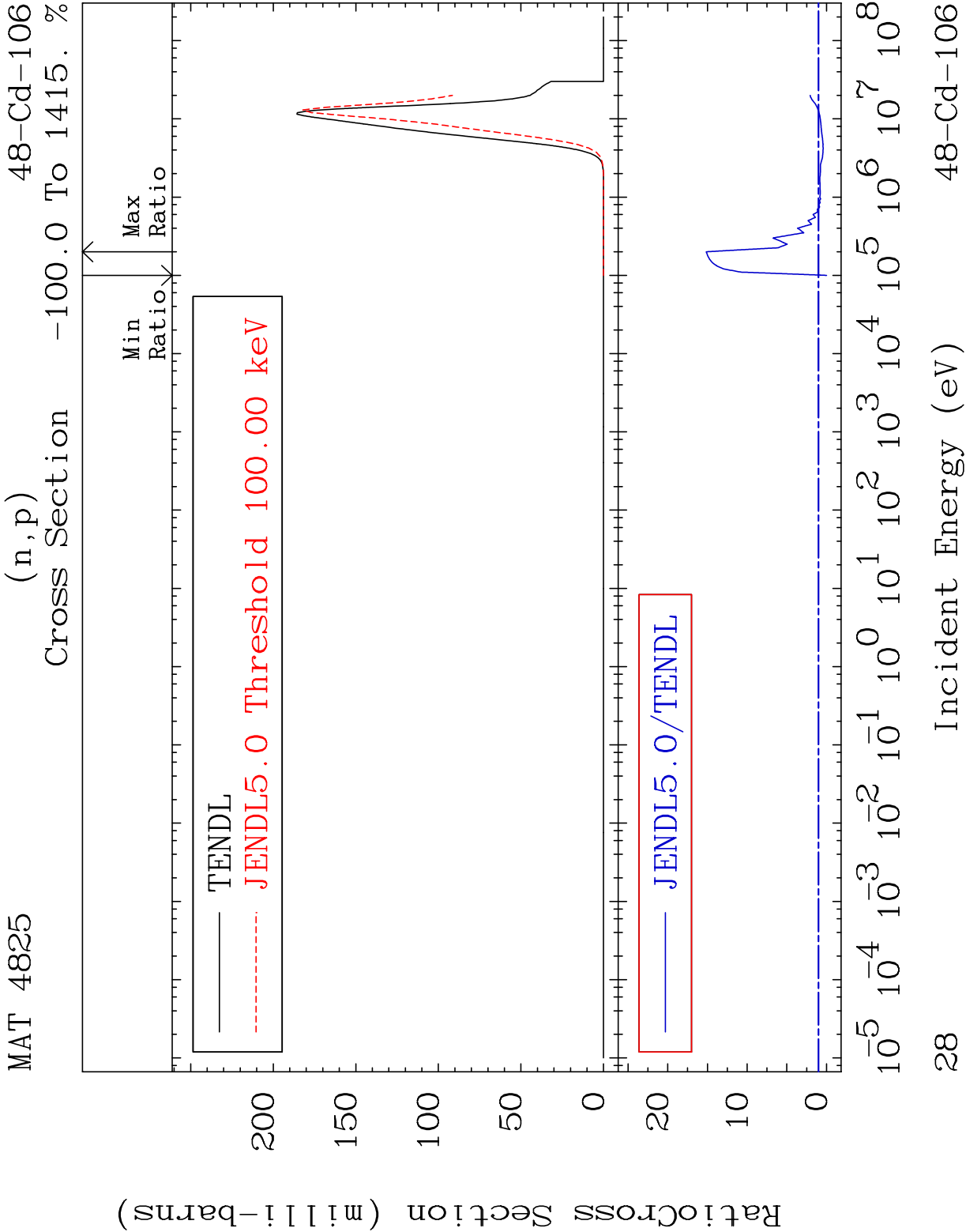
MAT 4825 MT= 67 (n,n') Level 48-Cd-106
Cross Section -54.95 To 164.9 %

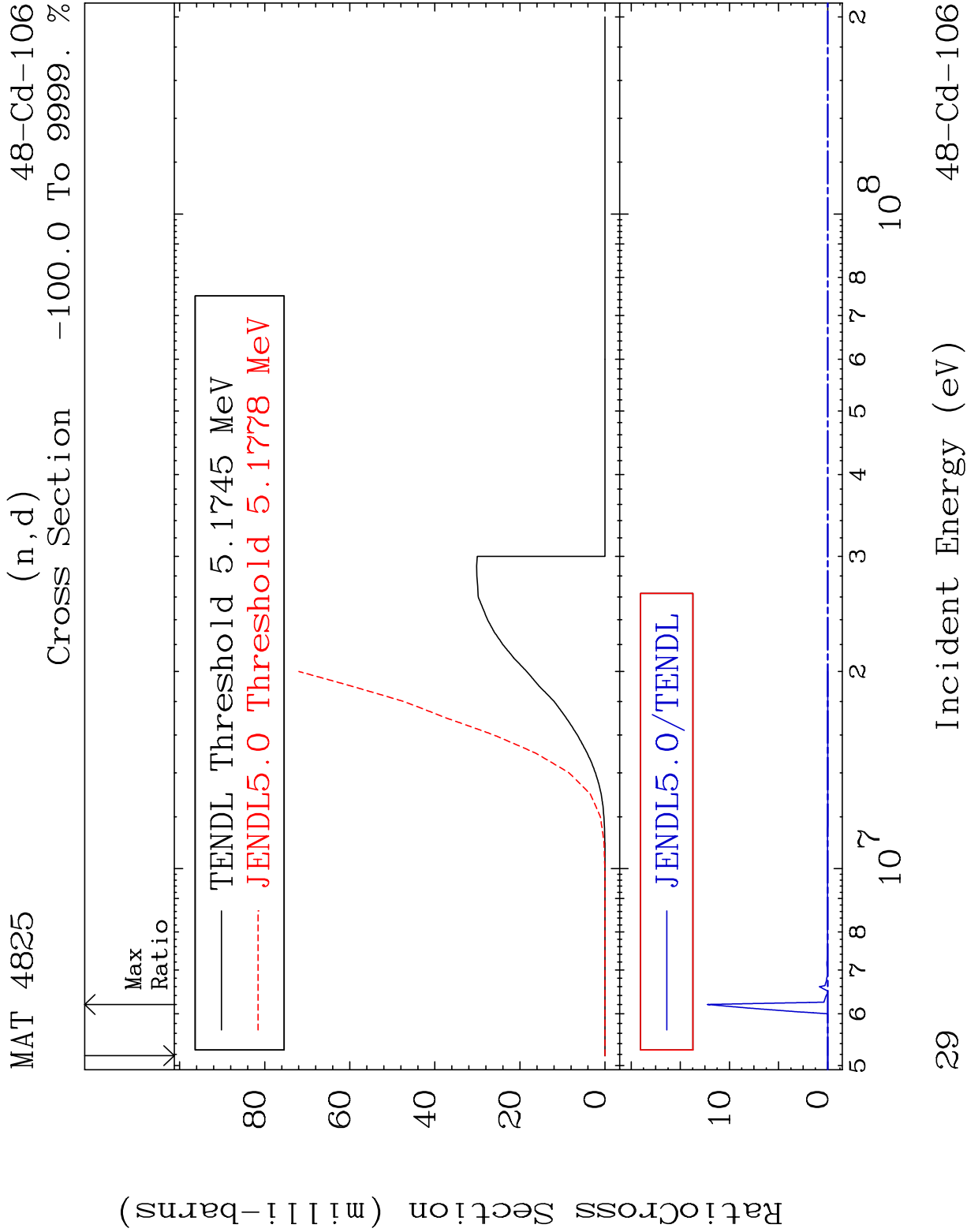


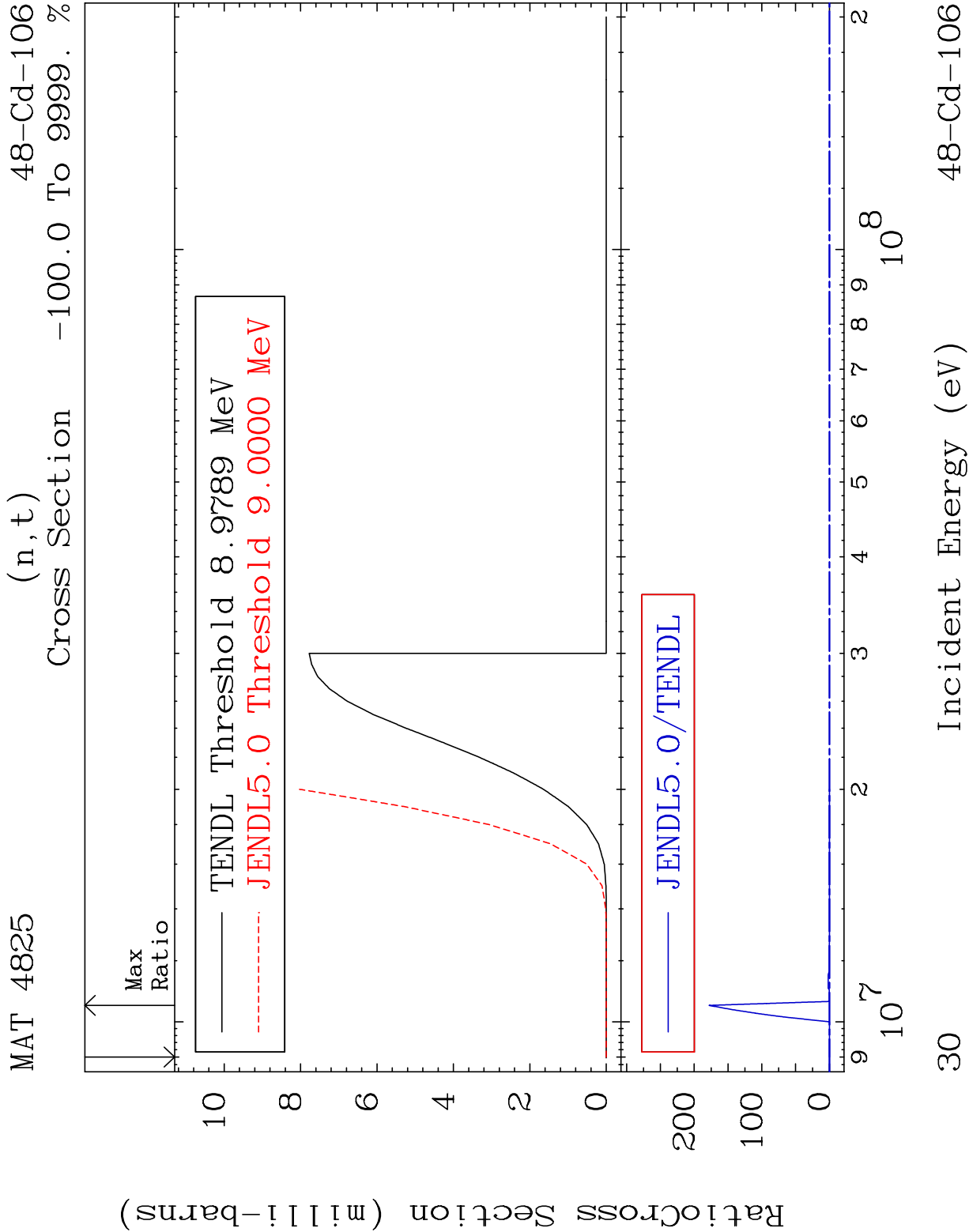


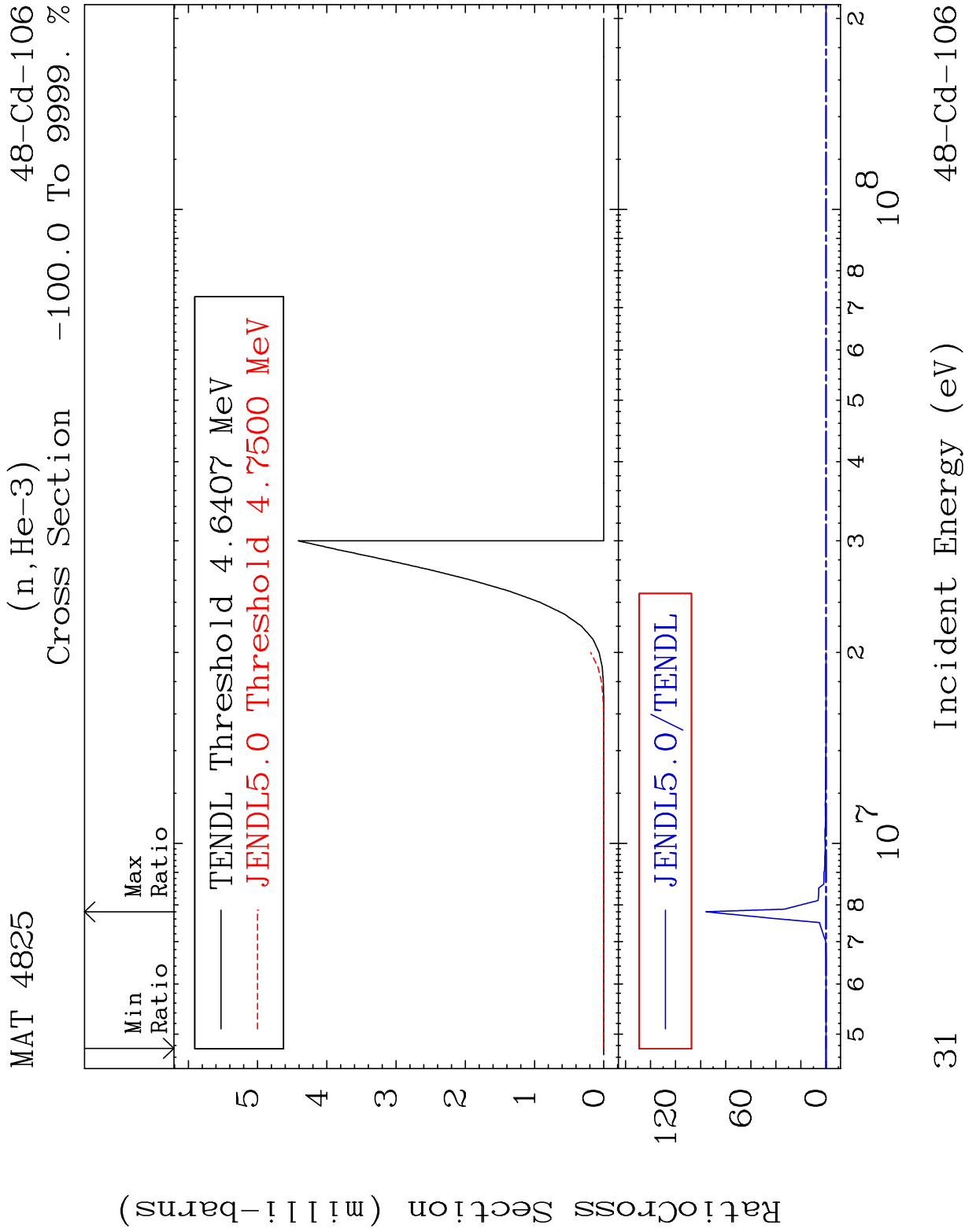
26

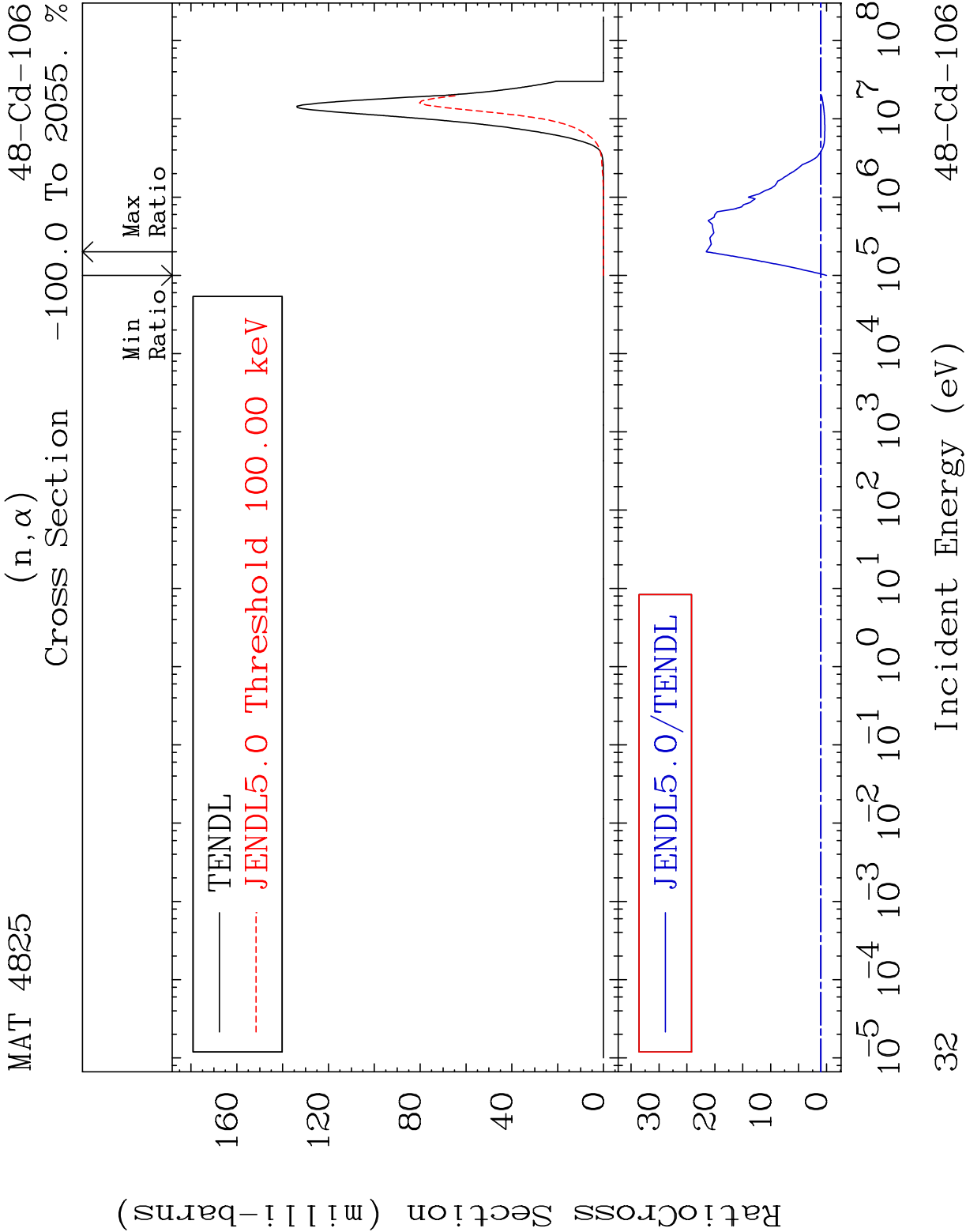


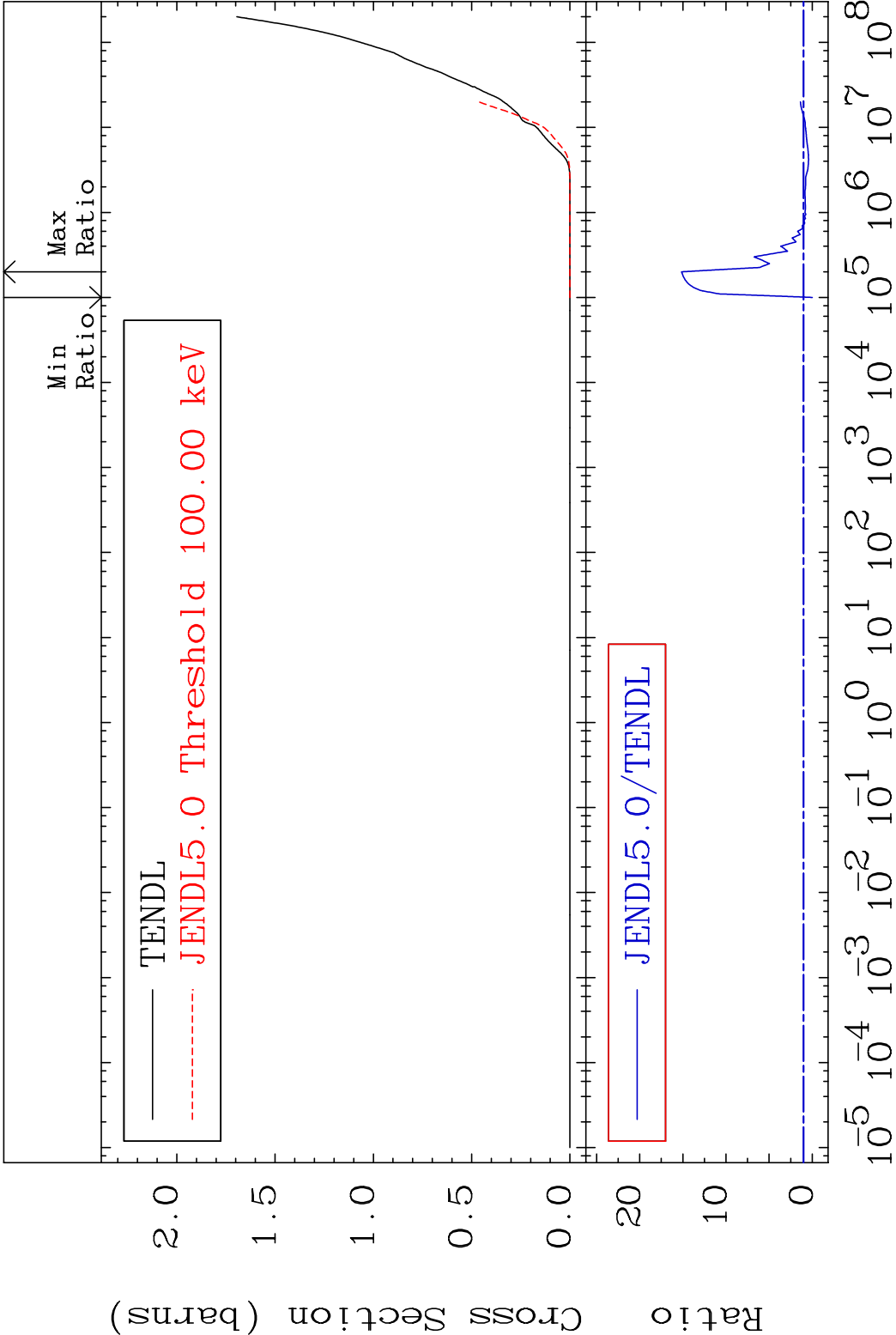












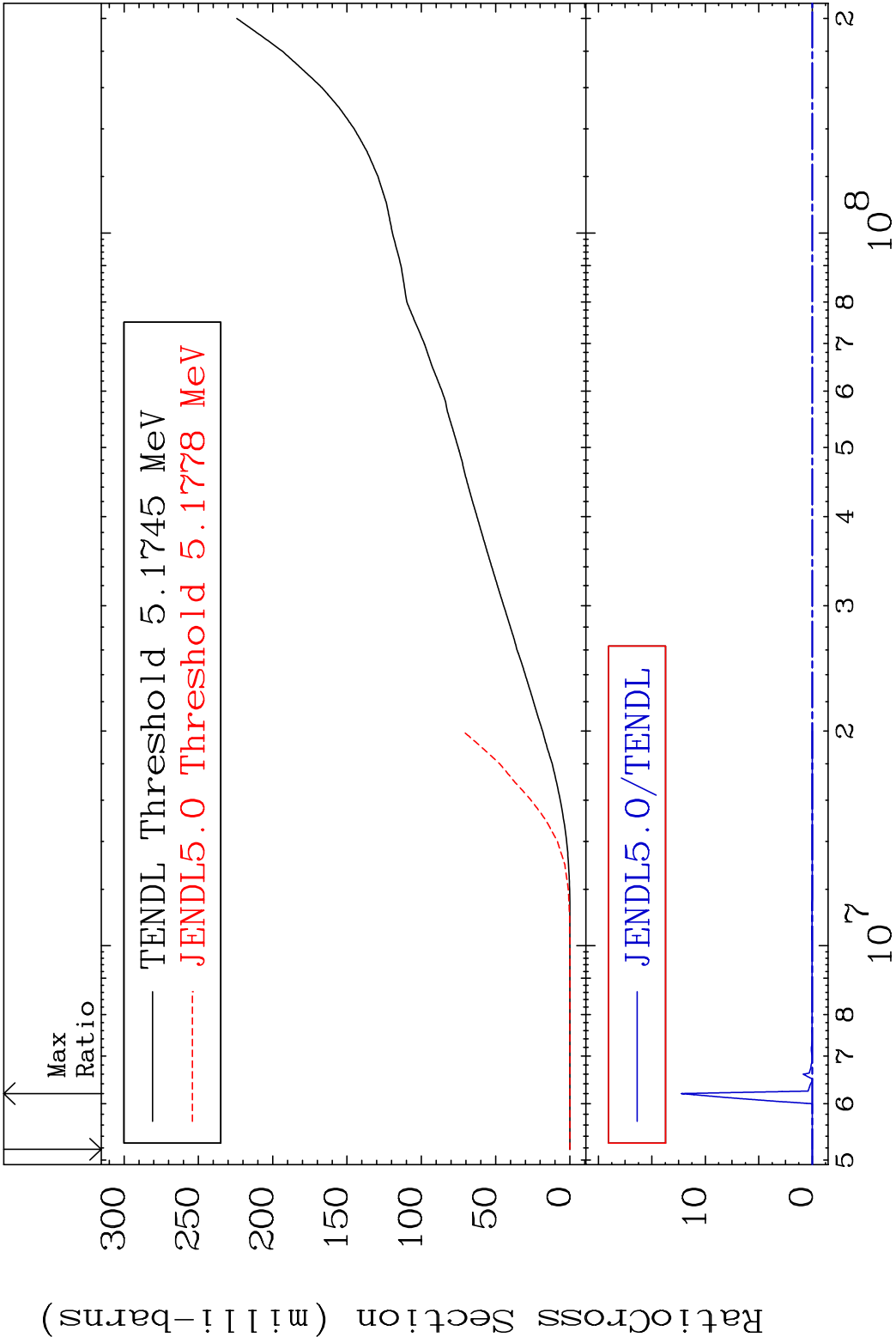
MAT 4825

Deuterium Production

48-Cd-106

Cross Section

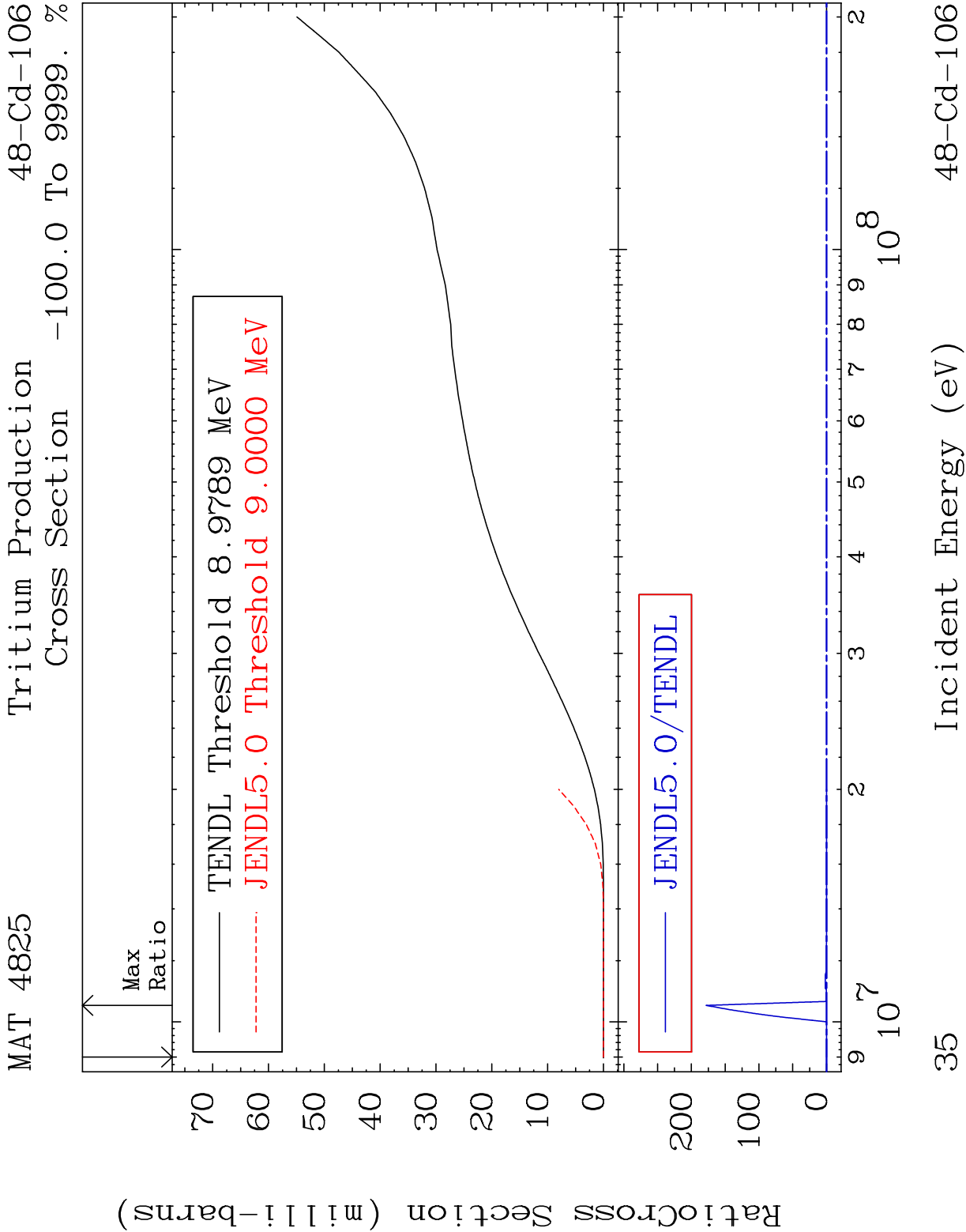
-100.0 To 9999. %

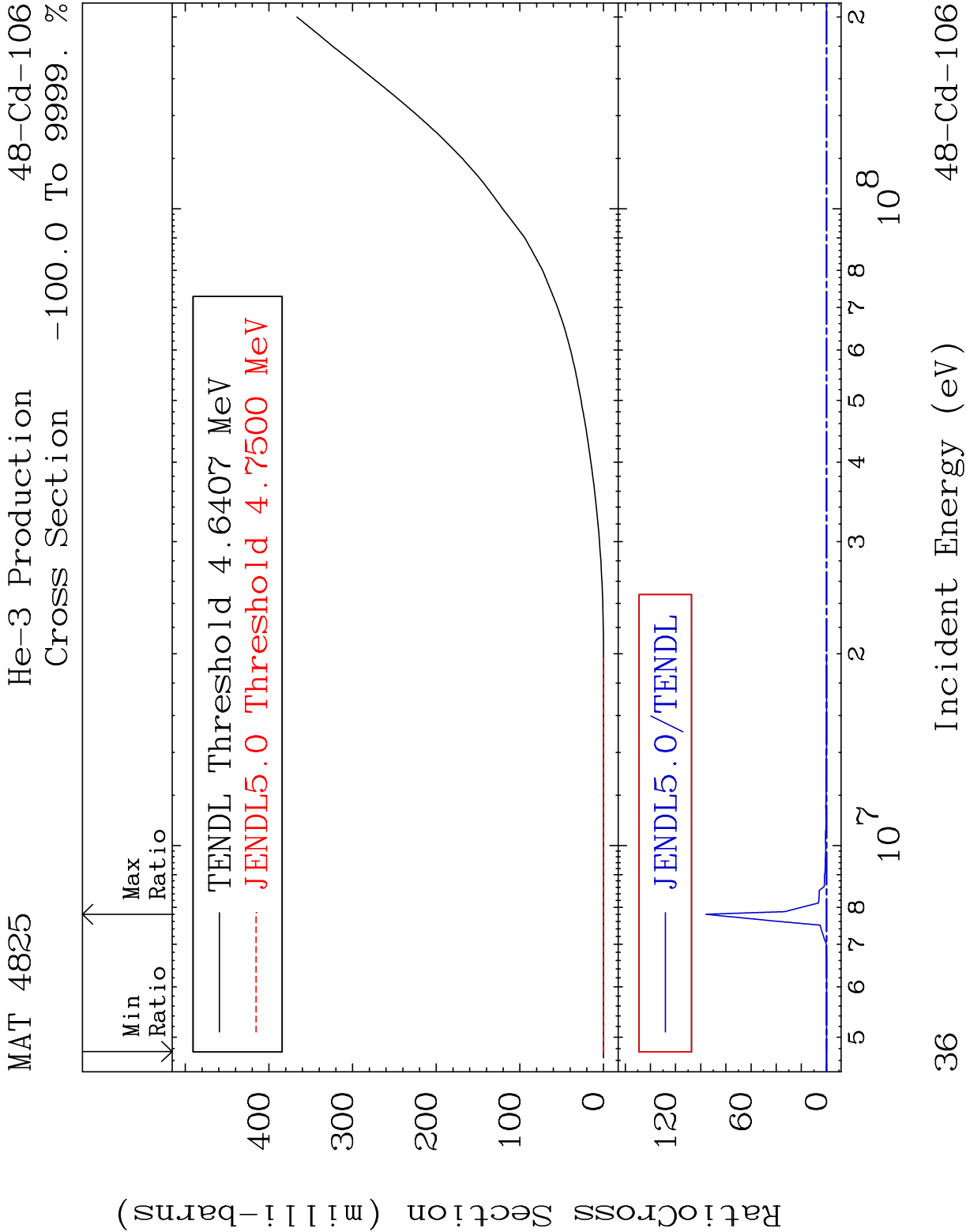


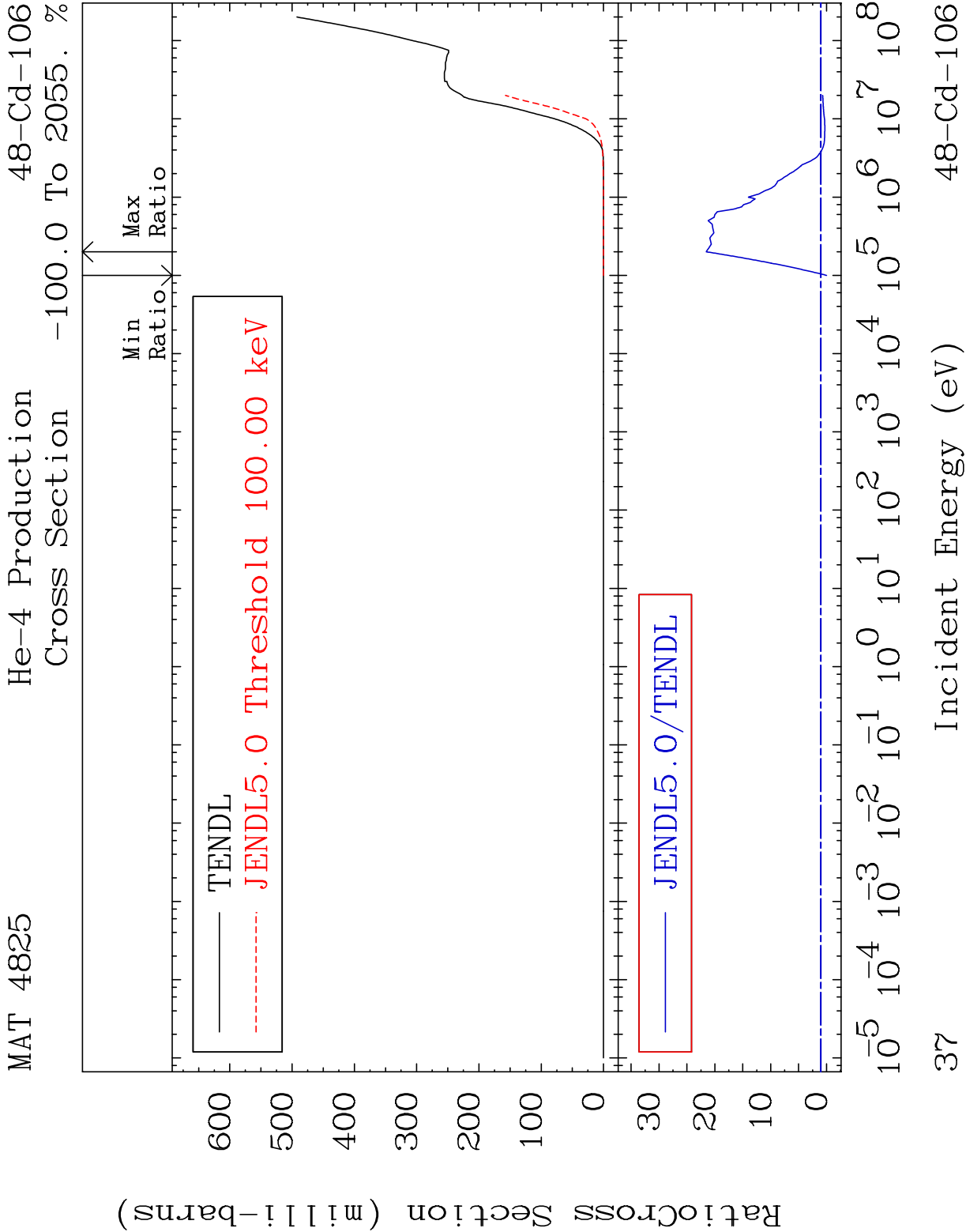
34

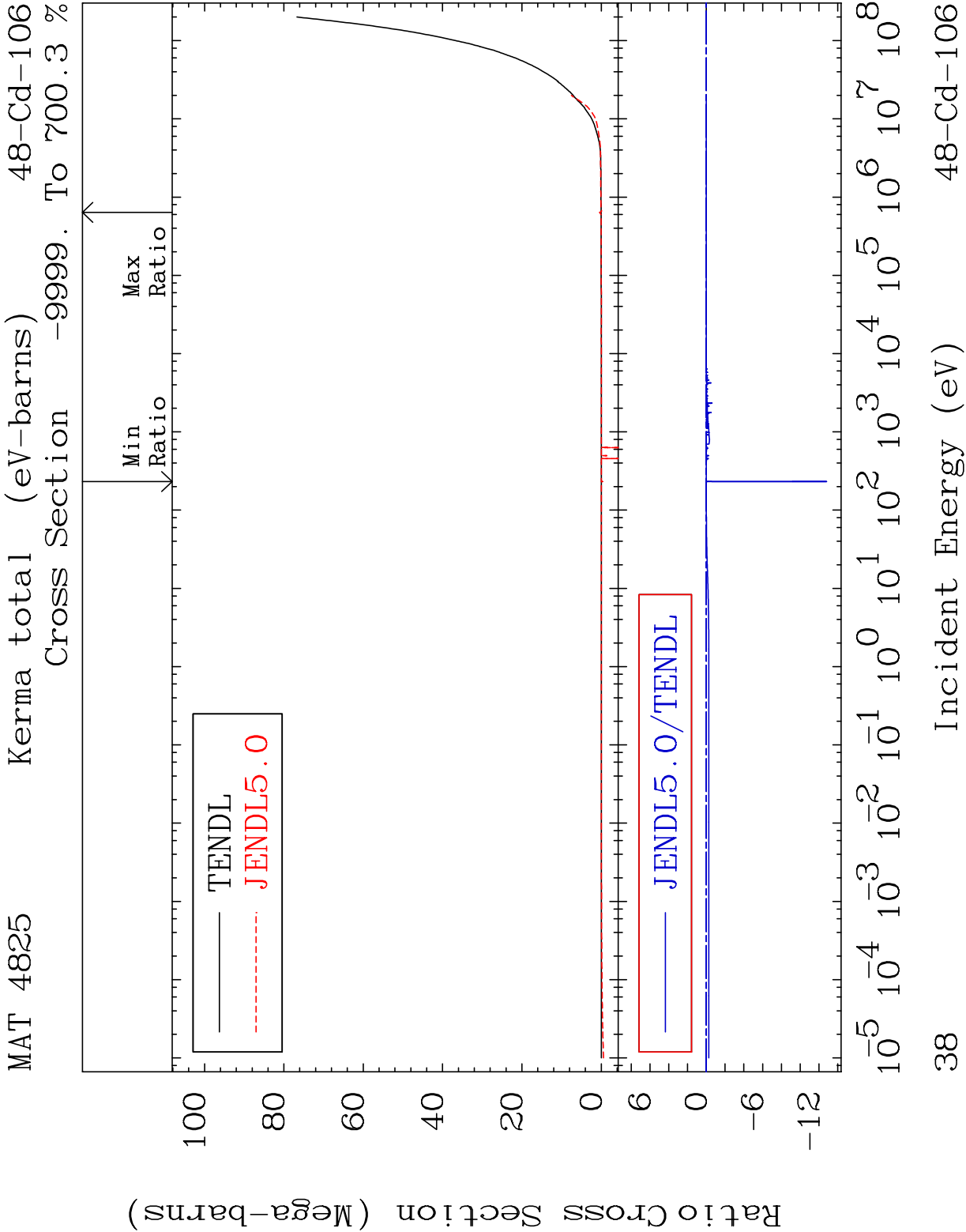
Incident Energy (eV)

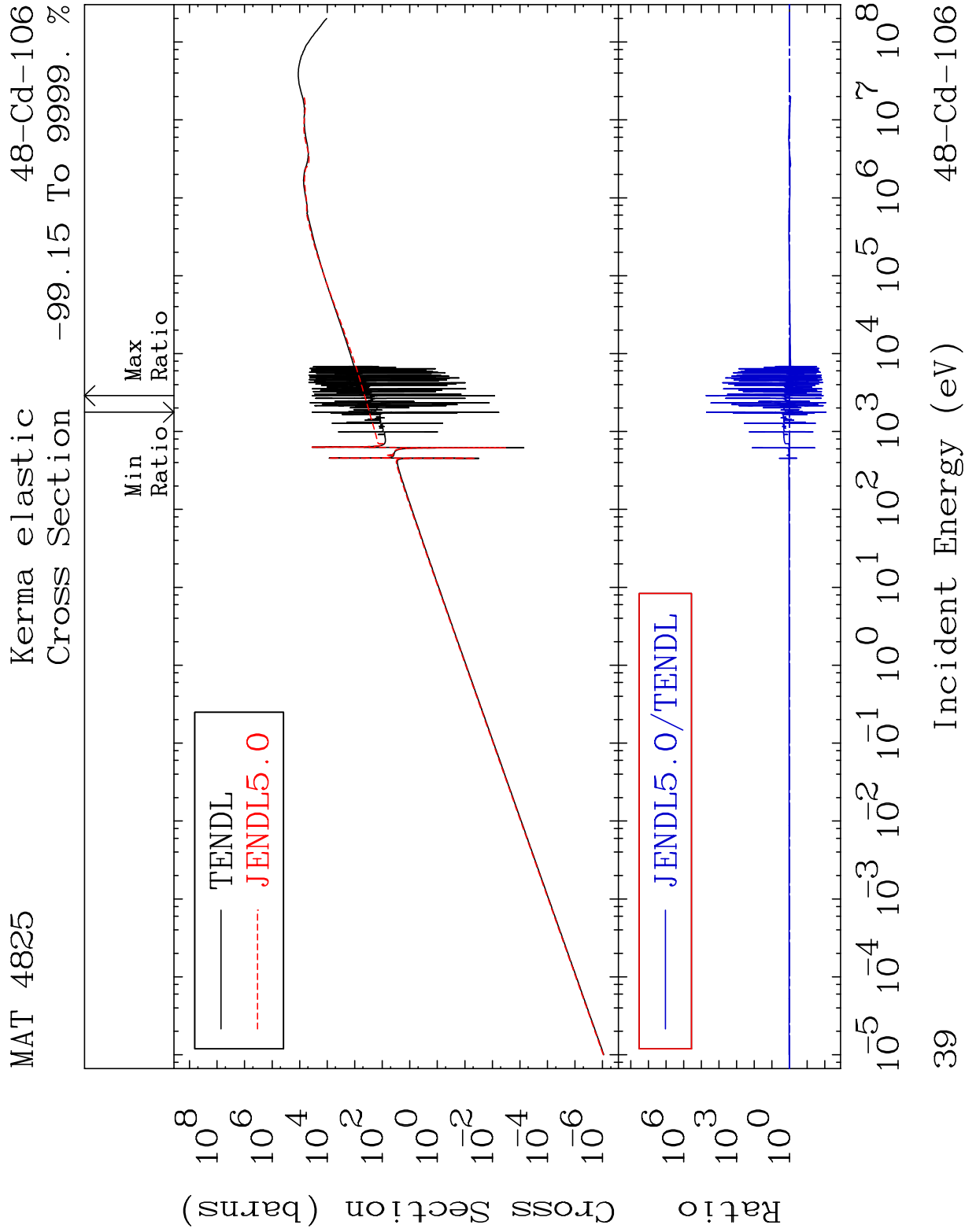
48-Cd-106





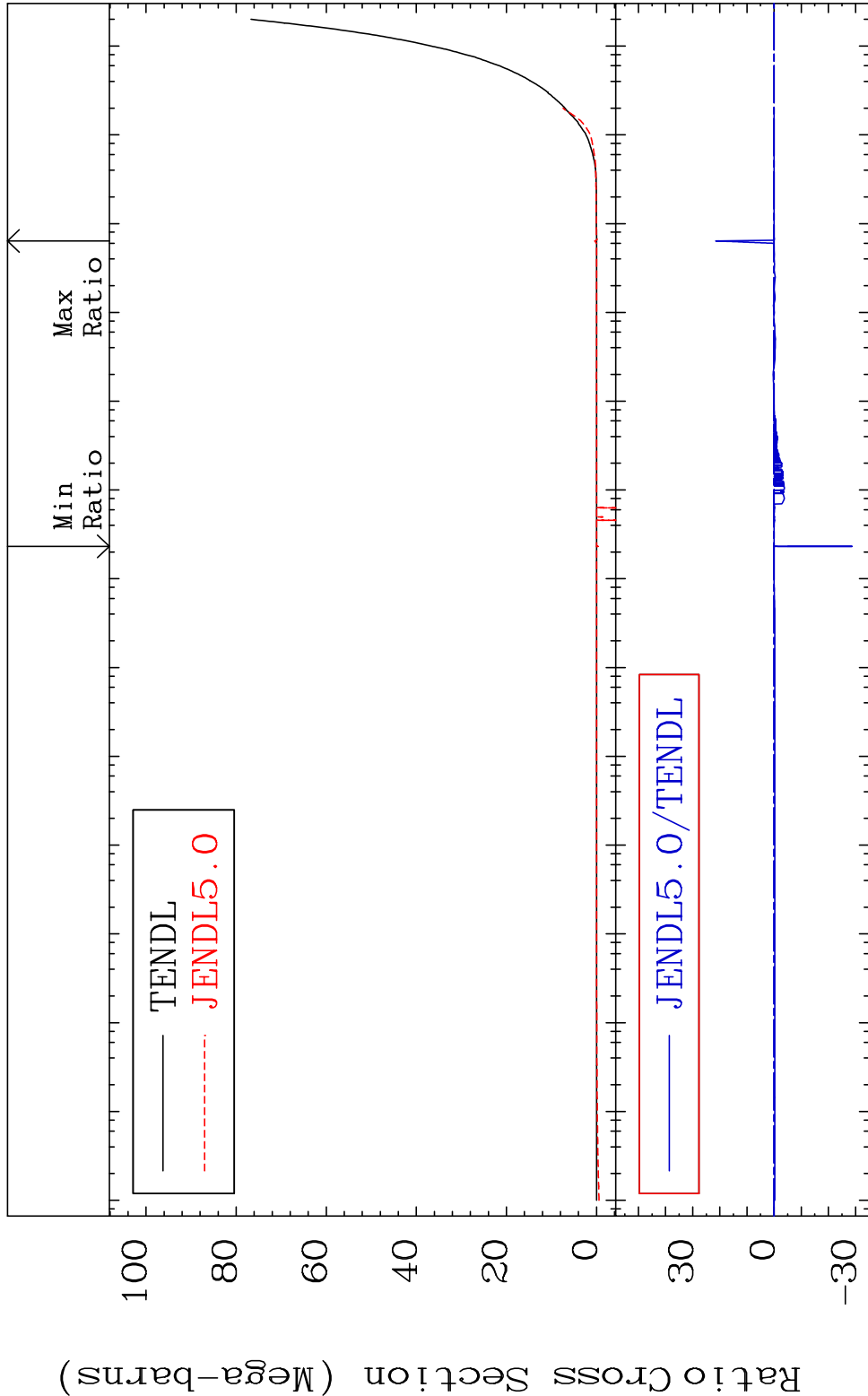




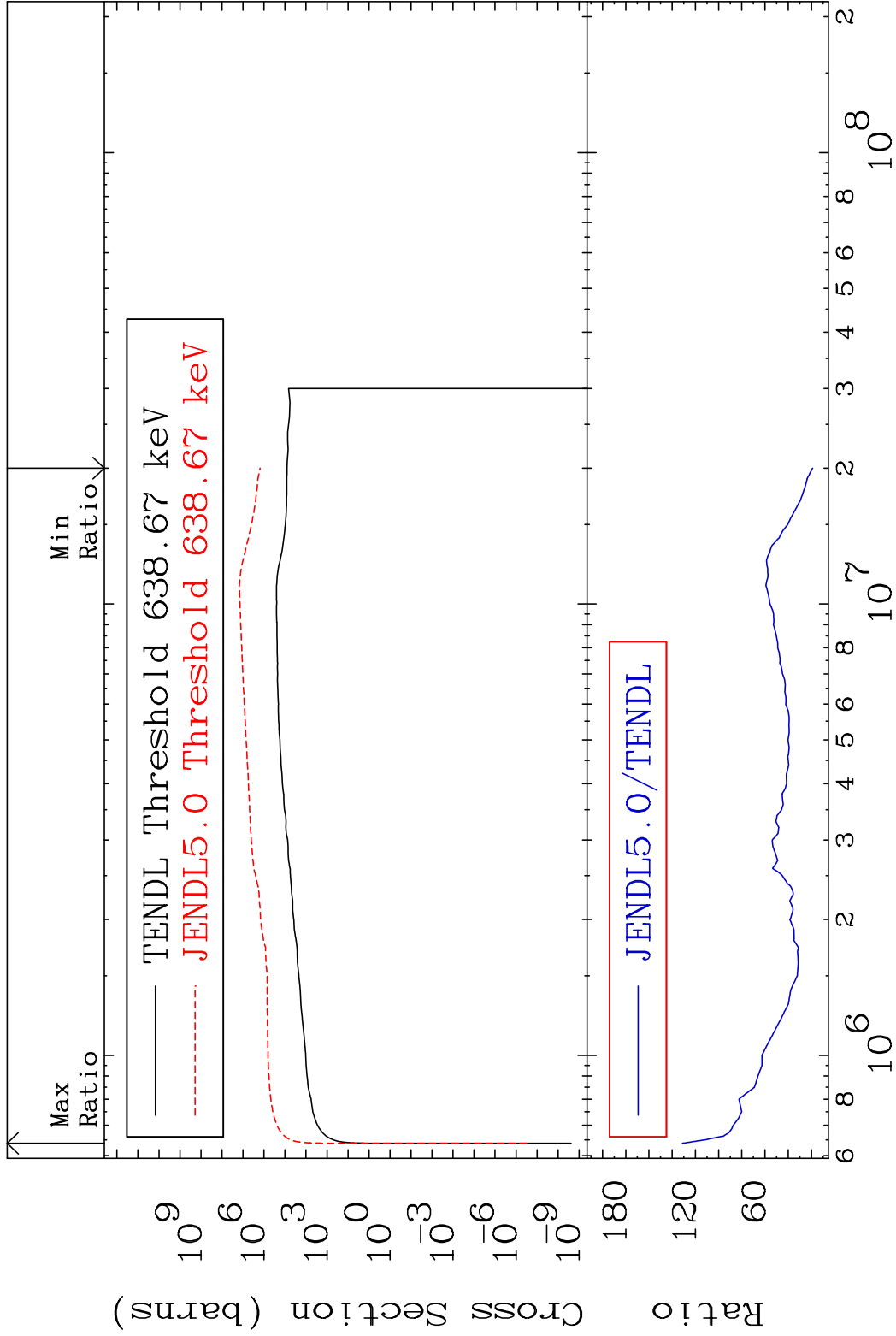


MAT 4825 Kerma non-elastic (all but mt2) 48-Cd-106

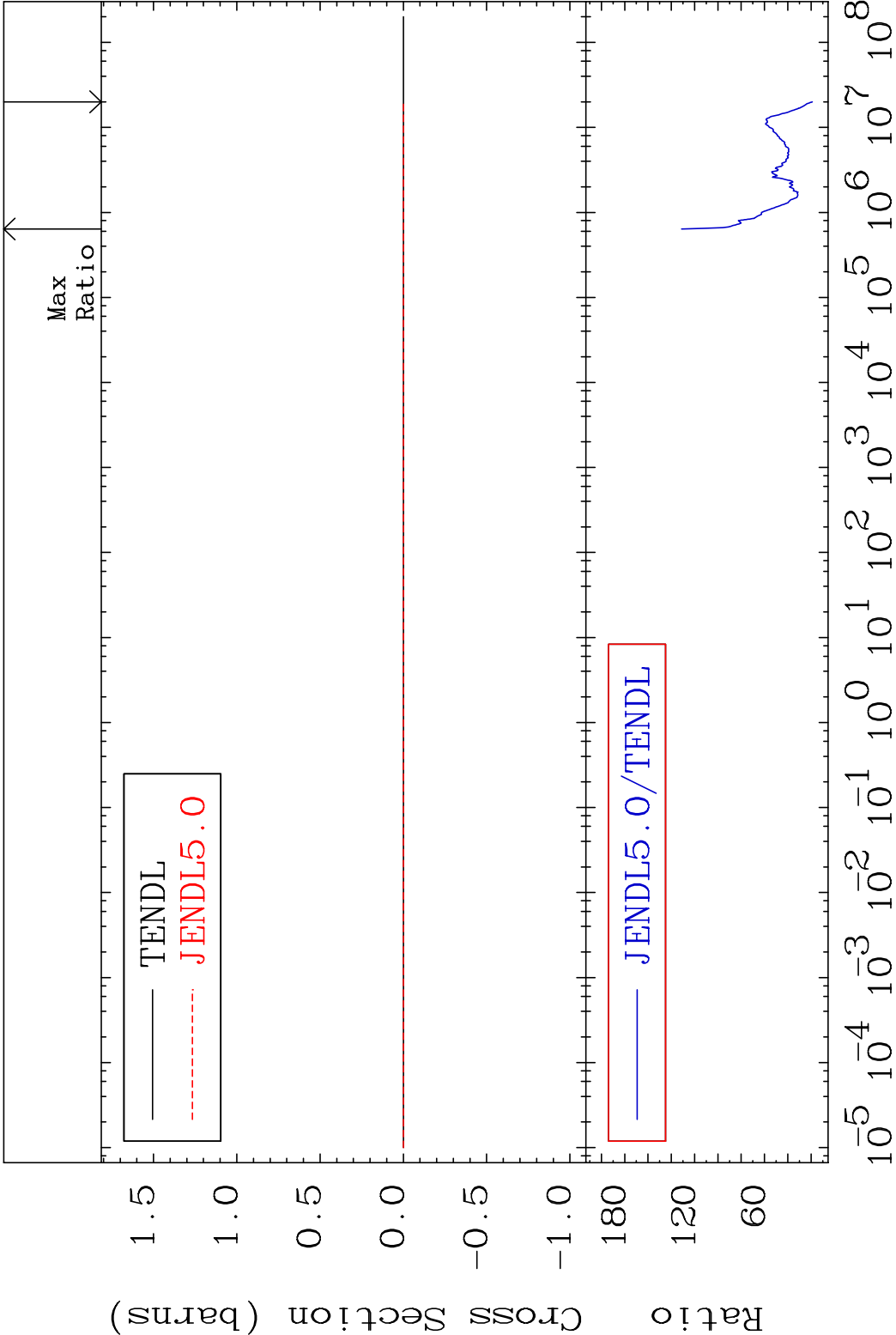
Cross Section -9999. To 9999. %

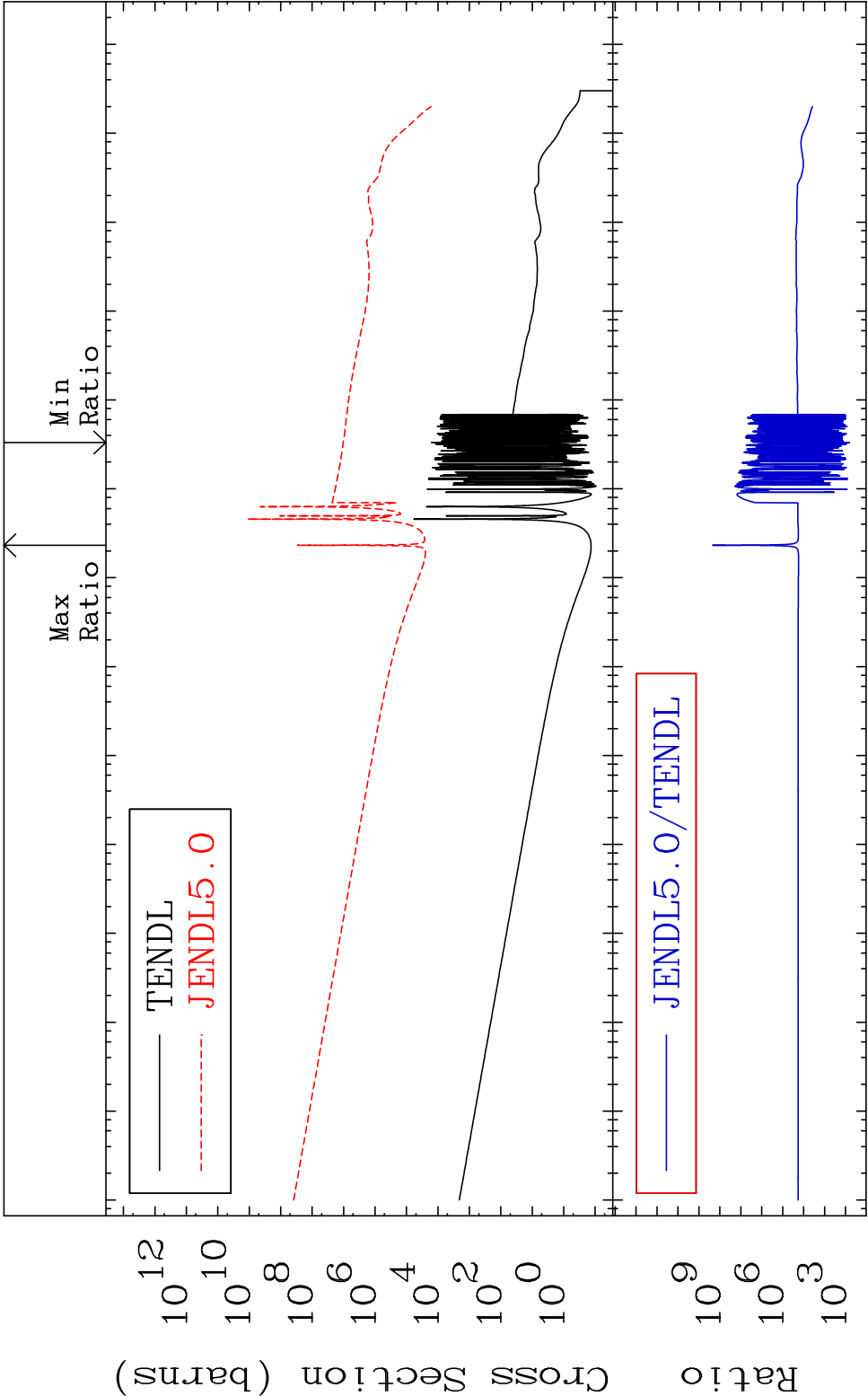


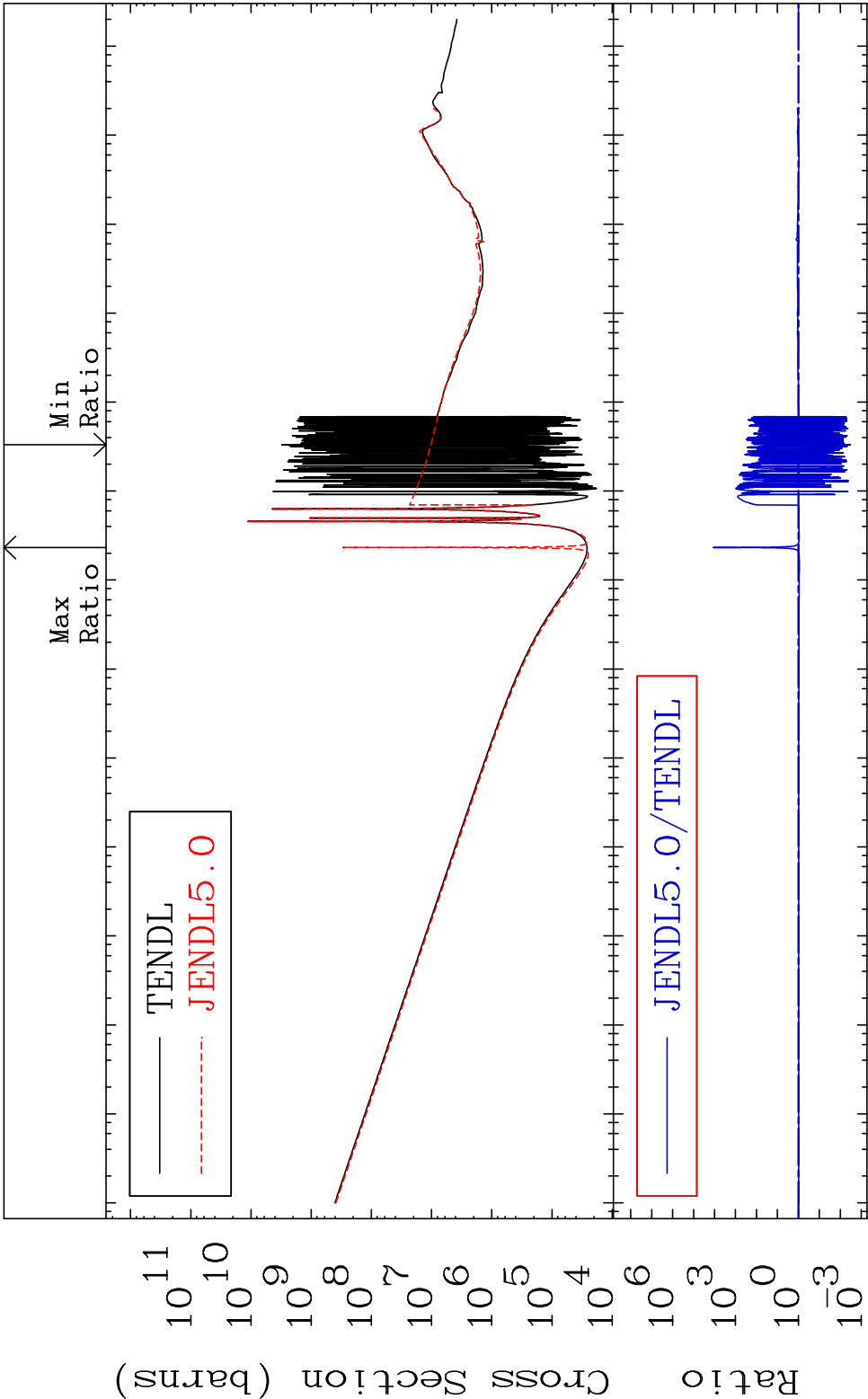
40 Incident Energy (eV) 48-Cd-106



MAT 4825 Kerma fission (mt18 or mt19-20-21-38) 48-Cd-106
Cross Section 1801. To 9999. %

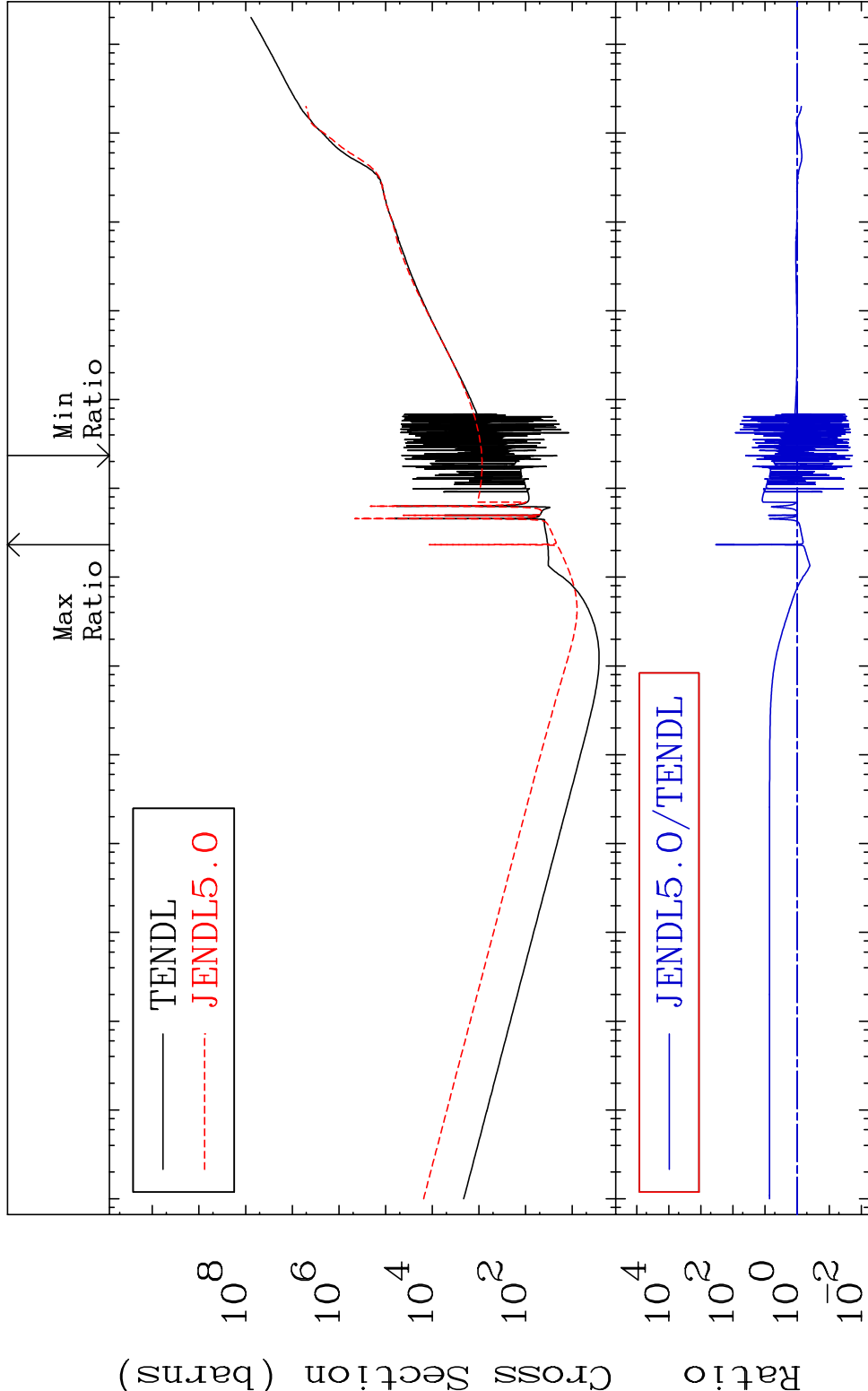






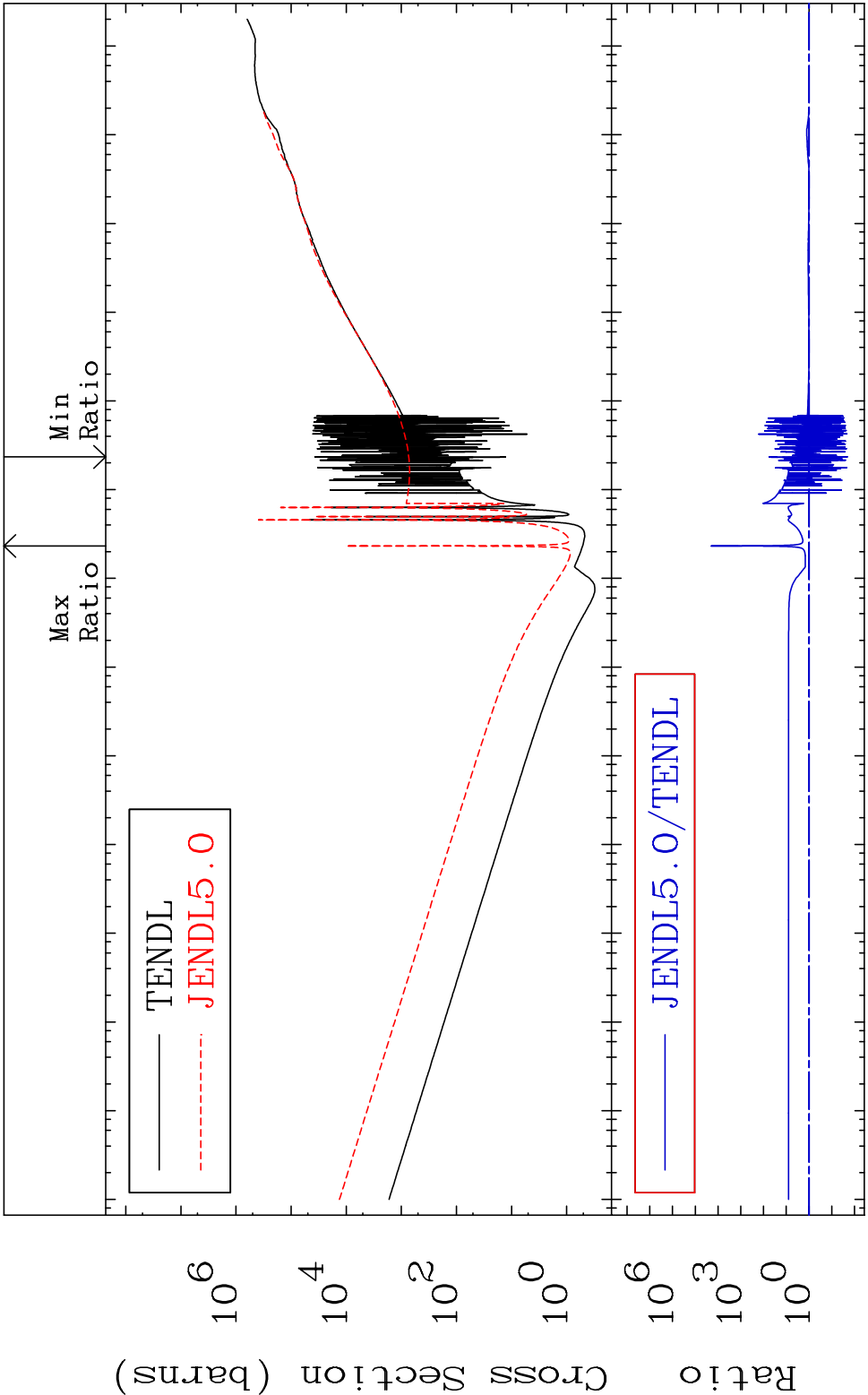
MAT 4825 Total kinematic kerma (high limit) 48-Cd-106

Cross Section -98.08 To 9999. %



45 Incident Energy (eV) 48-Cd-106

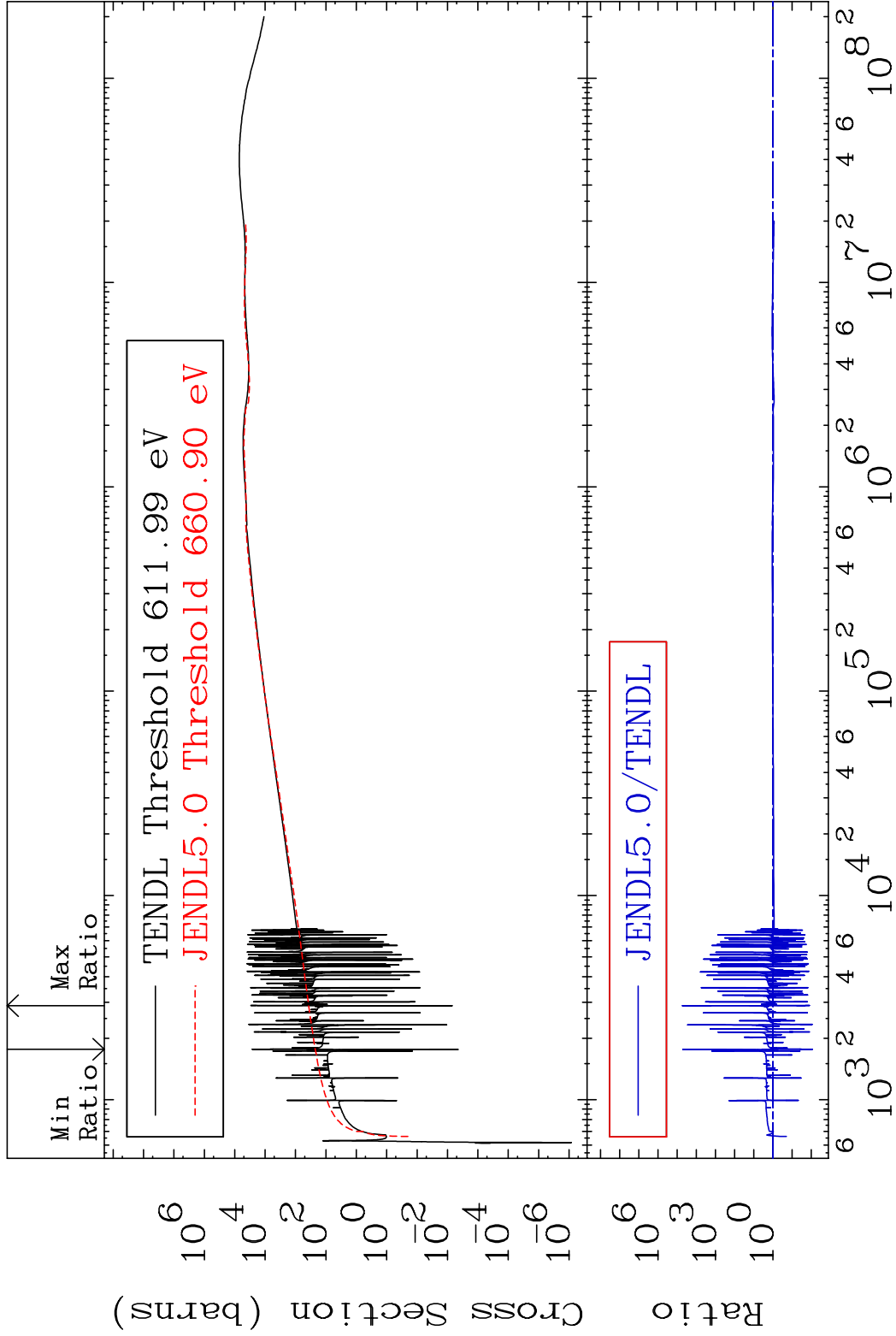
MAT 4825 Dpa total (eV-barns) 48-Cd-106
Cross Section -98.02 To 9999. %



10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

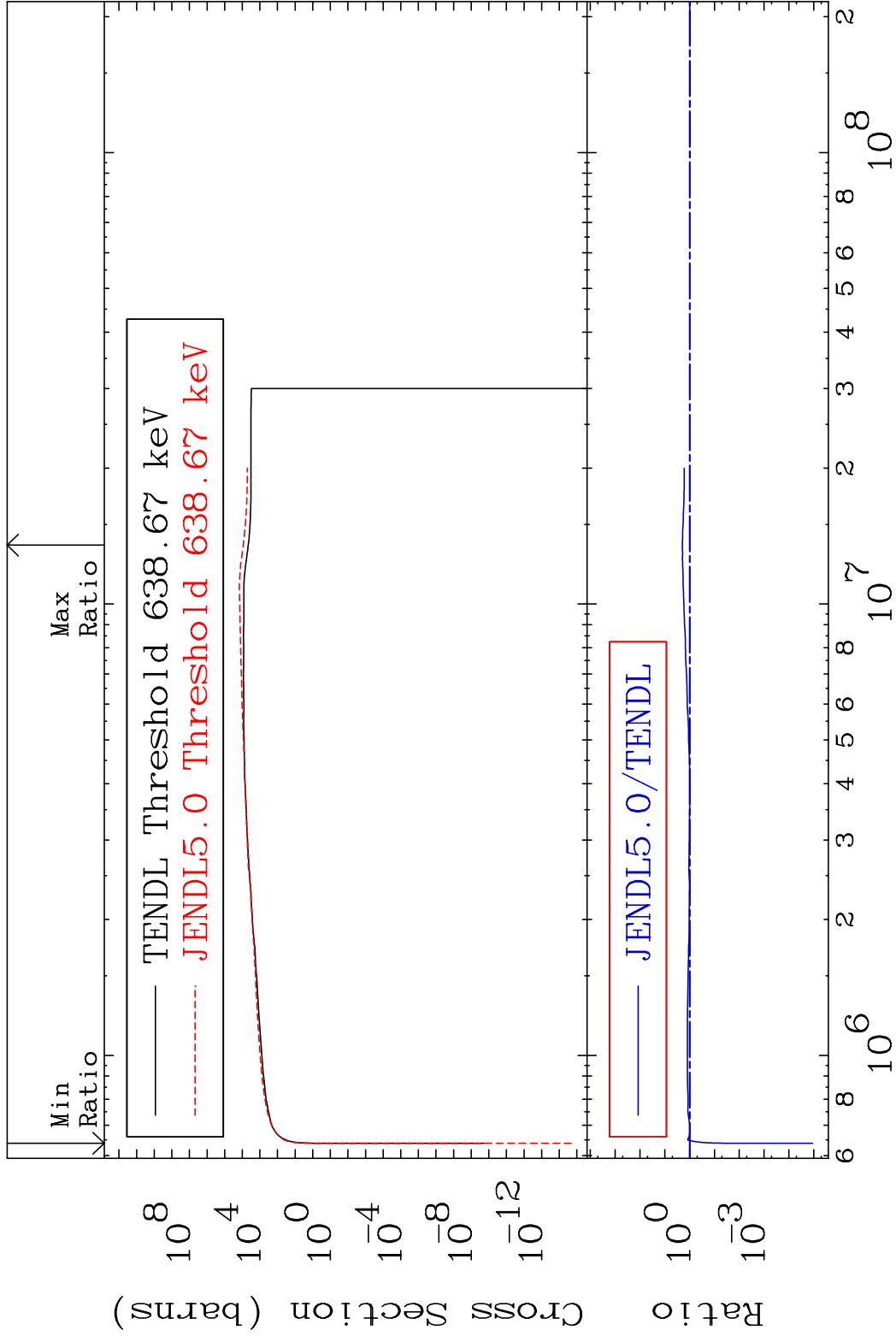
46 Incident Energy (eV) 48-Cd-106

MAT 4825 Dpa elastic (mt2) 48-Cd-106
Cross Section -99.15 To 9999. %



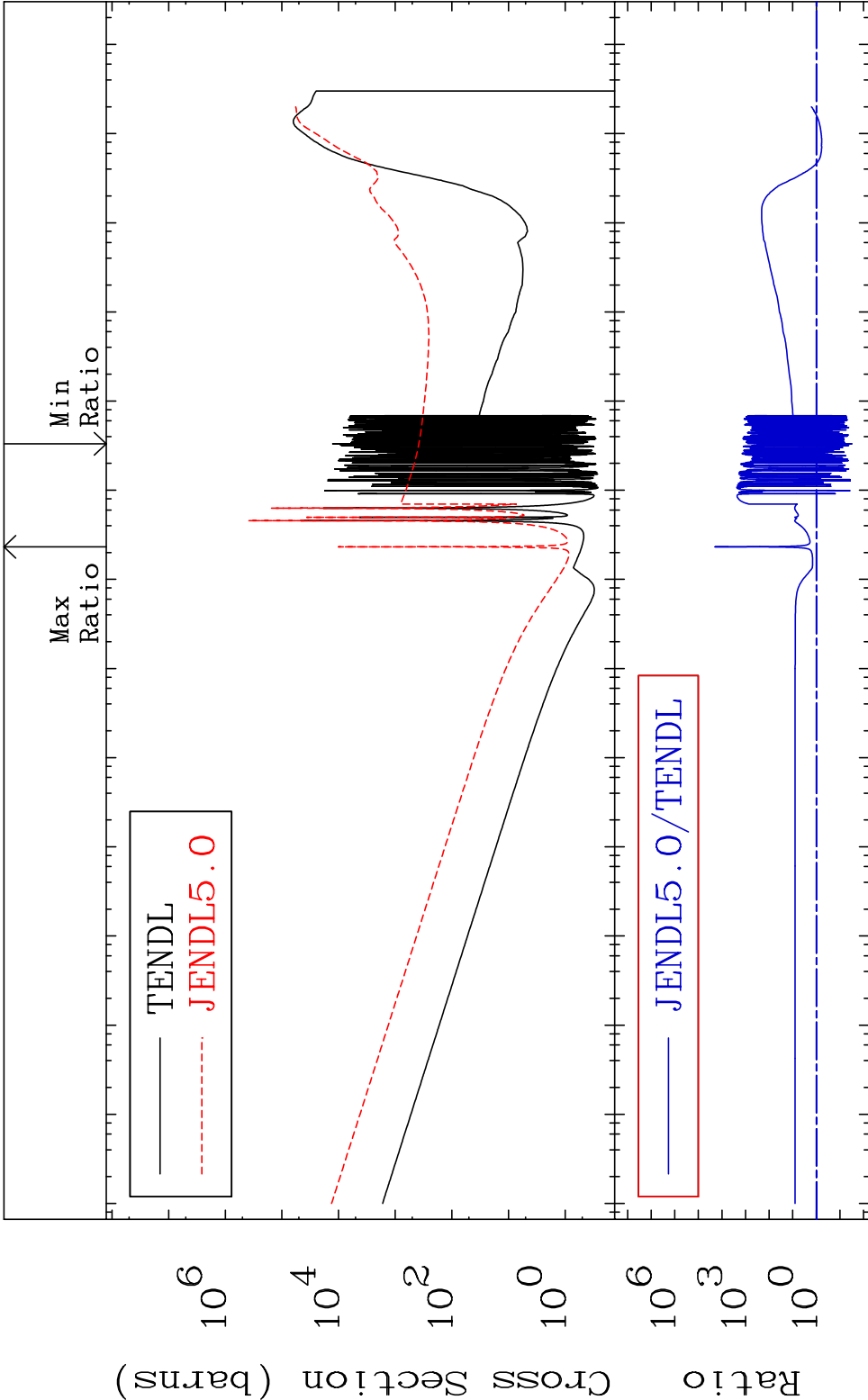
47 Incident Energy (eV) 48-Cd-106

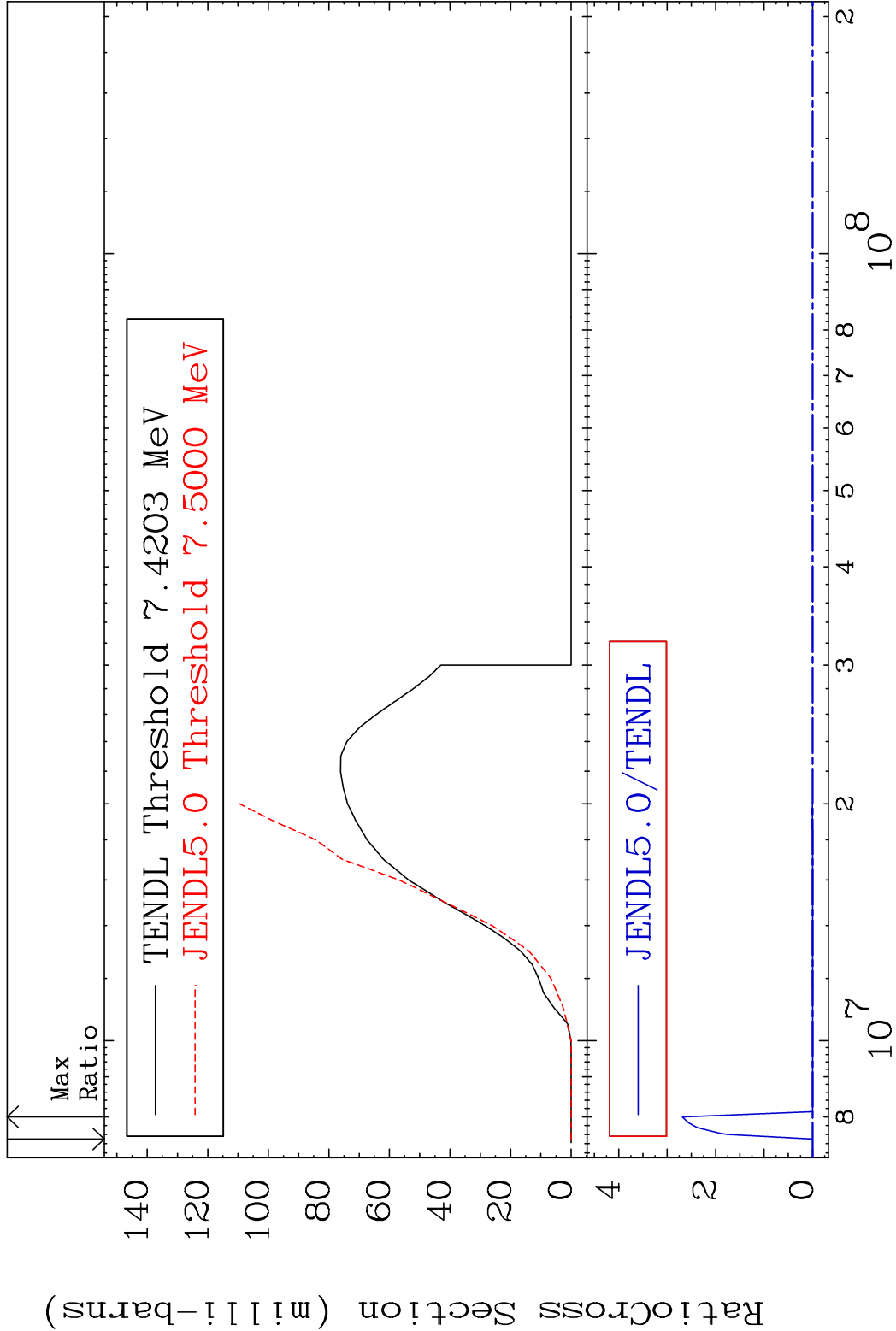
MAT 4825 Dpa inelastic (mt51-91) 48-Cd-106
Cross Section -100.0 To 96.23 %

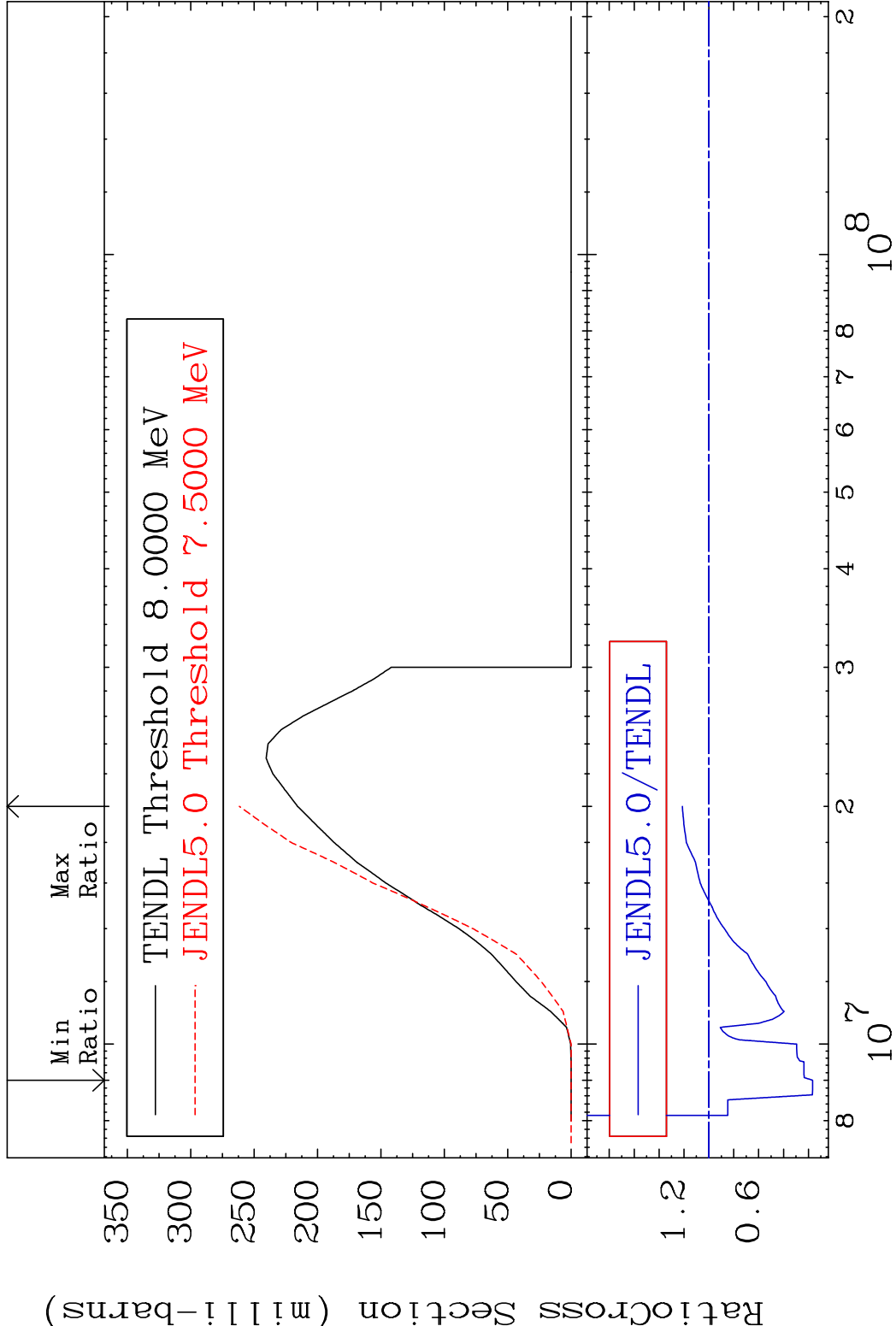


48 Incident Energy (eV) 48-Cd-106

MAT 4825 Dpa disappearance (mt102 -120) 48-Cd-106
Cross Section -96.97 To 9999. %







Radionuclide Production Cross Section to 468.8 %

